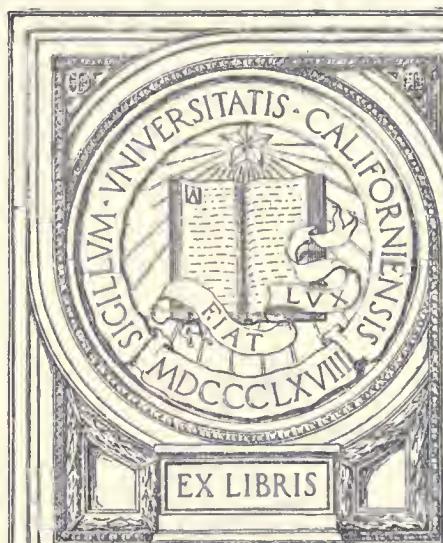


UC-NRLF



B 2 888 051

GIFT OF



EX LIBRIS

UNIVERSITY AGRICULTURE DEPT.

AGRIC.  
LIBRARY





Digitized by the Internet Archive  
in 2007 with funding from  
Microsoft Corporation

MINISTRY OF AGRICULTURE, EGYPT.

TECHNICAL AND SCIENTIFIC SERVICE.

Bulletin No. 7.

(ENTOMOLOGICAL SECTION)

LIST OF EGYPTIAN INSECTS

EDITION OF THE MINISTRY OF AGRICULTURE.

BY  
G. SPORRI, MA, F.R.S.  
BIOLOGIST TO THE MINISTRY OF AGRICULTURE.

PRINTED FOR THE MINISTRY OF AGRICULTURE.

1900.  
BY GOVERNMENT PRESS.

THE GOVERNMENT PRESS, CAIRO, EGYPT.  
PRINTED IN EGYPT BY GOVERNMENT PRESS, CAIRO, EGYPT.

1900.

## ORGANIZATION OF THE MINISTRY OF AGRICULTURE, CAIRO, EGYPT.

## PROVINCIAL INSTITUTIONS

## ADMINISTRATIVE AND STATISTICAL SERVICES

## INTRODUCTION SECTION

## AGRICULTURAL SECTION

## BOTANICAL AND MYCOLOGICAL SECTION, QIZA.

Botanist B. C. C. Holland B.A.

## CHEMICAL LABORATORY.

F. Hughes, F.R.S.

## COTTON SEED DISTRIBUTION.

A. J. Merton.

# BUREAU OF COMMERCIAL INTELLIGENCE

Directed by the Consulting-Agriculturist.

## VETERINARY SERVICE.

## SCHOOL OF VETERINARY MEDICINE

## HIGHER SCHOOL OF AGRICULTURE, CZ.

MINISTRY OF AGRIGULTURE, EGYPT.

---

TECHNICAL AND SCIENTIFIC SERVICE.

---

Bulletin No. 5.

---

(ENTOMOLOGICAL SECTION.)

---

LIST OF EGYPTIAN INSECTS

IN THE

COLLECTION OF THE MINISTRY OF AGRICULTURE,

BY

G. STOREY, B.A., F.E.S.,

ENTOMOLOGIST TO THE MINISTRY OF AGRICULTURE.

---

*(Submitted for printing on March 12, 1916.)*

---

CAIRO.  
GOVERNMENT PRESS.

To be obtained, either directly or through any Bookseller,  
from the GOVERNMENT PRESS, Bulāq, and from the SALE-ROOM,  
Old Ismailia Palace, Sharia Qasr el Aini.

—  
1916.

PRICE: P.T. 10.



## PREFACE.

---

The formation of a representative collection of the insect fauna of a country is not as a rule considered to be the work of economic entomologists. This is due to the fact that in most countries the fauna has generally been fairly thoroughly worked up by amateurs and a good public reference collection in a museum is available for the use of the economic entomologist. In Egypt, however, at the time of the creation of the Department of Agriculture, there was no such public collection, and the only works devoted to the insects of Egypt alone, apart from a number of more or less incomplete lists without descriptions, were three brief memoirs published by the "Société Entomologique d'Egypte." In view of these circumstances the collection, of which the ensuing pages contain a list of the hitherto identified species, has been brought together in the course of the past four years with a view not so much to adding to the systematic knowledge of the fauna of the country as to assisting in economic work.

A well classified and identified collection is always essential as the basis for both economic and biological research, since without having a name for an insect by which it can always be recognized, it is practically impossible either to benefit from the knowledge that other workers have obtained about it or to pass on to them the knowledge that one obtains oneself. Of course, in the making of a large collection, large numbers of species of no importance to the agriculturist are sure to be dealt with. Of the 154 families mentioned in the following list, however, about 100 include species of economic interest, and it is always useful to know something about the relatives of a dangerous or a useful insect. Again, it is often almost as necessary to be able to say definitely that a certain insect is not, and is not likely to become, of economic importance as to be able to say that

another is. And this can only be done by having a fairly complete knowledge of the insects of the country.

One of the most important reasons for working up the fauna, however, is in connection with the importation of insect pests. For instance, Durrant, writing on "Tineina bred from Cotton Bolls" in the "Bulletin of Entomological Research," August 1912, upholds the idea that the pink boll worm was imported into India from Egypt, the exact reverse of the actual fact, and the information which was then available led Dudgeon, in his article on "The Pink Boll Worm" in the "Agricultural Journal of Egypt," 1912, to express the opinion that it had occurred in Egypt for many years, whereas it is now fairly certain that it has been imported between 1903 and 1910. Neither of these mistakes would have been made if the Lepidoptera of the country had previously been properly worked up. If the pink boll worm had been discovered in the original consignments of Indian cotton which brought it to the country, nothing would have been done to prevent its entry if such opinions as the above were possible, whereas if the distribution and history of the pink boll worm had been known as it is now, steps might very easily have been taken to prevent the calamity that the importation of this pest has proved to be. On the other hand, if the fauna of the country is not properly known, much trouble and expense may be spent on trying to keep out of the country an insect which is a dangerous pest elsewhere, but which as a matter of fact may be already present, occurring in small numbers only, being kept under control by an unfavourable climate or other natural agents.

For much assistance in the identification of the species in the following list we must express our gratitude particularly to the Imperial Bureau of Entomology and also to the following specialists:—

Orthoptera: La Baunie.

Hymenoptera: R. du Buysson, G. Meade-Waldo, Rev. F. D. Morice, C. Morley, R. E. Turner, Prof. Gy. Szépligeti.

Coleoptera: Several local entomologists, particularly G. Ferrante and A. Alfieri.

Lepidoptera: J. H. Durrant, P. P. Graves.

Thysanoptera: C. B. Williams.

Diptera: Prof. Becker.

Rhynehota: W. L. Distant, A. L. Montandon, Prof. R. Newstead, Prof. Van Schouteden.

Many other insects have been identified with the aid of the available literature, amongst which may be mentioned:—

ANDRÉ, ED. .... Spécies des Hyménoptères d'Europe et d'Algérie.  
ANDRÉ, ERN. .... Mémoires de la Société Entomologique d'Egypte—  
Mutillidae.  
DU BUYSSEN... Mémoires de la Société Entomologique d'Egypte—  
Chrysidae.  
FRIESE ... ... Die Bienen Europa's.  
INNES ... ... Mémoires de la Société Entomologique d'Egypte—  
Orthoptera, Part I.  
KLUG ... ... Symbolæ Physicæ.  
LETHIERRY and  
SEVERIN... Catalogue Général d'Hémiptères.  
NEWSTEAD ... Monograph of the British Coecidae.  
SAVIGNY ... Figures dans la Description de l'Egypte.  
SCHMIEDEKNECHT Opuscula Ichneumonologiae.  
SEITZ ... ... Macrolepidoptera of the Palaearctic Region.  
THEOBALD ... Monograph of the Culicidae of the World.  
WYTSMAN and  
OTHERS ... Genera Insectorum.

---



MINISTRY OF AGRICULTURE, EGYPT.

Bulletin No. 5.

(ENTOMOLOGICAL SECTION.)

LIST OF EGYPTIAN INSECTS IN THE COLLECTION  
OF THE MINISTRY OF AGRICULTURE.

ORTHOPTERA.

FORFICULIDÆ.

**Labidura riparia**, PALL.

Kharga Oasis, Helwân, Ma'âdi, Giza,  
Port Said.  
March to October.

**Labia minor**, L.

Ma'âdi, Giza, El Qalag, Khanka.  
March to October.

**Forficula (?) lucasi**, H. DOHRN.

Ma'âdi.

BLATTIDÆ.

**Phyllodromia germanica**, L.

Ma'âdi, Heliopolis, Ma'unûra.  
All the year.

**Phyllodromia supellectilium**, SERV.

Abundant everywhere.  
All the year.

**Phyllodromia treitiana**, WERNER.

Armant, Ma'âdi, Shûbra.  
January.

**Periplaneta americana**, L.

Minia, Ma'âdi, Cairo.  
All the year.

**Periplaneta (?) tartara**, SAUSS.

Ma'âdi.  
May to August.

**Stylopyga orientalis**, L.

Common everywhere.  
All the year.

**Leucophæa surinamensis**, F.

Cairo.

March.

**Heterogamia ægyptiaca**, L.

Ma'âdi, Cairo, Zagazig, Alexandria.  
February to July.

**Heterogamia ursina**, BURM.

Ma'sâra, Giza, Abu Matânia, Edsina.  
All the year.

MANTIDÆ.

**Eremiaphila anubis**, LEF.

Ma'âdi, Khanka.  
February to July.

**Eremiaphila khamsin**, LEF.

Maidûm, Wâdi Höf, Ma'âdi, Old  
Suez Road, Mariût.  
February to June.

**Eremiaphila sabulosa**, SAUSS.

Tel el Kebir.  
February.

**Eremiaphila savignyi**, LEF.

Ma'âdi.  
February to July.

**Eremiaphila typhon**, LEF.

Ma'âdi.  
July.

**Heteronytarsus ægyptiacus**, LEF.

Kharga Oasis.  
February.

<b>Sphodromantis bioculata</b> , BURM.
Common everywhere.
All the year.
<b>Mantis religiosa</b> , L.
Ma'âdi.
All the year.
<b>Miomantis savignyi</b> , SAUSS.
Fayûm, Ma'âdi, Cairo.
All the year.
<b>Iris oratoria</b> , L.
Ma'âdi, Mariût.
October to December.
<b>Fischeria baetica</b> , RAMB.
Cairo, Khanka.
May.
<b>Empusa egena</b> , CHARP.
Ma'âdi, Cairo.
May to September.
<b>Blepharis mendica</b> , F.
Ma'âdi, Cairo, Abu Matânia.
March to July.
<b>Ameles ægyptiaca</b> , WERNER.
Wâdi Höf.
November to March.

GRYLLIDÆ.

<b>Gryllotalpa vulgaris</b> , LATR.
Abundant everywhere.
All the year.
Var. <b>cophtha</b> , DE HAAN.
Minia and Cairo.
<b>Tridactylus variegatus</b> , LATR.
Girga, Tura, Ma'âdi, 'Ezbet el Nakhl.
April to September.
<b>Gryllus bimaculatus</b> , DE GEER.
Common everywhere.
All the year.
<b>Gryllus burdigalensis</b> , LATR.
Qena, Assiût, Gîza, Ma'âdi, Alfia,
Mina el Qanâh.
All the year.
<b>Gryllus campestris</b> , L.
Qena.
June.

<b>Gryllus domesticus</b> , L.
Abundant everywhere.
All the year.
<b>Oecanthus pellucens</b> , SCOP.
Sheikh Fadl, Maghâgha, Ma'âdi, Alfia.
June to November.
Three spp. unidentified.
LOCUSTIDÆ.
<b>Phaneroptera minima</b> , BR.
Ma'âdi, Nawa, Edfina.
July to October.
<b>Diogena fausta</b> , BURM.
Cairo.
<b>Xiphidium æthiopicum</b> , THBG.
Faraskûr, Edfina.
September to October.
<b>Conocephalus mandibularis</b> , CHARP.
Ma'âdi, Alfia, Mariût.
July to October.
<b>Metrioptera intermedia</b> , SERV.
Fayûm, Mansurâ.
April and May.
ACRIDIDÆ.
<b>Paratettix meridionalis</b> , RAMB.
Widely distributed.
All the year.
<b>Tryxalis unguiculata</b> , RAMB.
Common everywhere.
All the year.
<b>Tryxalis turrita</b> , L.
Ma'âdi, Sidi Ghâzi, Faraskûr.
July to November.
<b>Oxycoryphus compressicornis</b> , LATR.
Abundant everywhere.
All the year.
<b>Duronia (?) fracta</b> , KRAUSS.
Fayûm, Suez, Moqattam Hills, Marg,
Râs el Bar.
January to July.
<b>Ochrilidia tibialis</b> , FIEB.
Ma'sâra, Ma'âdi, 'Ezbet el Nakhl,
Suez, Abn Qîr.
March to July.

<b>Stauronotus (?) genei</b> , OCŞK.	<b>Oedipoda graticosa</b> , SERV.
Mariût.	Mariût, Abu Qir.
May.	May to November.
<b>Epacromia strepens</b> , LATR.	<b>Pachytylus danicus</b> , L.
Ma'âdi, Giza, Râs el Khalig.	Common everywhere.
All the year.	All the year.
<b>Epacromia thalassina</b> , F.	<b>Eremobia (?) carinata</b> , F.
Abundant everywhere.	Wâdi Hôf, Heliopolis.
Throughout the year.	April and September.
<b>Aelopus</b> probably n. sp.	<b>Tmethis cisti</b> , F.
Dakhla Oasis.	Mariût, Mex, Abu Qir.
<b>Sphingonotus cærulans</b> , L.	May and June.
Widely distributed	
March to November.	
<b>Sphingonotus azurescens</b> , RAMB.	<b>Pyrgomorpha gyulloides</b> , LATR.
Baltîm, Abu Qîr, Mariût.	Common everywhere.
May to July.	All the year.
<b>Sphingonotus (?) lameerei</b> , FINOT.	<b>Chrotogonus lugubris</b> , BLANCH.
Ma'sâra.	Abndant everywhere.
April to July.	All the year.
<b>Sphingonotus octofasciatus</b> , SERV.	<b>Chrotogonus scudderii</b> , BOL.
Ma'âdi.	Fayîm, Saqqâra, Ma'âdi, Suez.
September.	February to July.
<b>Sphingonotus savignyi</b> , SAUSS.	<b>Poecilocerus bufonius</b> , KLUG.
Mazglûna, Wâdi Hôf, Ma'âdi, Heli-	Wâdi Hôf.
polis.	April.
May to September.	<b>Pamphagus zebratus</b> , BRUNN.
<b>Sphingonotus niloticus</b> , SAUSS.	Old Suez Road, Mariût.
Helwân, Ma'sâra, Ma'âdi, Heliopolis,	April and November.
Khanka.	
April to October.	<b>Dericorys albidula</b> , SERV.
<b>Var. picta</b> , WERNER.	Ma'sâra, Old Suez Road.
Ma'sâra.	April.
<b>Leptopternis rhamses</b> , SAUSS.	<b>Dericorys (?) millieri</b> , BONNET and
Mazglûna.	FINOT.
May.	Râs el Bar.
<b>Leptosciurus linearis</b> , BURM.	July.
Ma'sâra, Shûbra, Heliopolis.	<b>Opsomala cylindrica</b> , MARSCH.
March to October.	Suez.
<b>Acrotylus patruelis</b> , STURM.	July.
Abundant everywhere.	<b>Acridium ægyptium</b> , L.
All the year.	Abundant everywhere.
	All the year.
	<b>Schistocerca peregrina</b> , OLIV.
	Abundant everywhere, some years.

**Caloptenus italicus**, L.

Maghâgha, Fayûm, Barrage, Kafr el Sheikh.  
May to July.

**Thisoicetrus littoralis**, RAMB.

Abundant everywhere.  
All the year.

**Thisoicetrus (?) adspersus**, REDT.

Sidi Ghâzi.  
November.  
**Euprepocnemis plorans**, CHARP.  
Abundant everywhere.  
All the year.

**NEUROPTERA.**

(*Sensu lato.*)

**MALLOPHAGA.**

**Goniocotes compar**, NITSCH.

Ma'âdi.

**Lipeurus baculus**, NITSCH.

Ma'âdi.

Two spp. unidentified.

**EMBIIDÆ.**

**Embia** sp.

Maghâgha, Ma'âdi, Gîza, Shûbra.  
All the year.

**Embia** sp.

Itâi el Barûd.  
April.

**TERMITIDÆ.**

**Hodotermes ochraceus**, BURM.

Tel el Kebir, Delingât, Alexandria,  
Mariût.

September to February.

**Calotermes (?) maroccoensis**, SJÖST.

Shûbra.  
April (♂).

**Psammotermes hybostoma**, DESN.

Wâdi Höf.  
April.

**PSOCIDÆ.**

Two spp. unidentified.

**ÆSCHNIDÆ.**

**Hemianax ephippiger**, BURM.

Siwa Oasis, Gîza, Ma'âdi, Suez.  
April to November.

**Onychogomphus pumilio**, RAMB.

Widely distributed.  
May to July.

**LIBELLULIDÆ.**

**Brachythemis leucosticta**, BURM.

Widely distributed.  
May to September.

**Trithemis annulata**, P. DE B.

Common everywhere.  
All the year.

**Crocothemis erythræa**, BRULLÉ.

Abundant everywhere.  
All the year.

**Diplacodes lefebvrei**, RAMB.

Kharga Oasis, Nag' Hamâdi, Ma'âdi,  
Suez.

July to September.

**Orthetrum trinacria**, SELYS.

Siwa Oasis, Beni Mazâr, Suez,  
Faraskûr.

June to November.

**Orthetrum chrysostigma**, BURM.

Kharga Oasis, Gîza, Suez.  
July to September.

**Orthetrum farinosum**, FÖRST.

Ma'âdi, Alexandria.  
June and July.

**Orthetrum sabina**, DRURY.

Suez.  
July.

AGRIONIDÆ.

**Ischnura senegalensis**, RAMB.

Abundant everywhere.

April to October.

**Pseudagrion torridum**, SELYS.

Widely distributed.

March to September.

Three spp. unidentified.

EPHEMERIDÆ.

Five spp. unidentified.

MYRMELEONIDÆ.

**Helicomitus barbarus**, L.

Alexandria, Barrage.

July.

**Myrmeleon cephalotes**, KLUG.

Wâdi Hôf, Heliopolis, Tel el Kebîr.

August and September.

**Myrmeleon hyalinus**, OL.

Widely distributed.

April to July.

**Myrmeleon murinus**, KLUG.

Common everywhere.

April to September.

**Myrmeleon tenellus**, KLUG.

Ma'âdi, Snez.

June to September.

CEPHIDÆ.

**Cephus tabidus**, F.

'Ezbet el Nakhl, El Qalag.

March.

SIRICIDÆ.

**Sirex gigas**, L.

Cairo.

April and May.

Myrmecælurus lætus, KLUG.

Ma'âdi, Barrage.

May to October.

**Nesoleon invisus**, NAVAS.

Ma'âdi, 'Ein el Shams, Mariût.

May to October.

**Creagris cinerascens**, NAVAS.

Ma'âdi, Suez, Mallaha, Mariût.

April to August.

Five spp. unidentified.

NEMOPTERIDÆ.

**Nemoptera** sp.

Maghâgha, Ma'âdi.

June and July.

MANTISPIDÆ.

**Mantispa** sp.

Ma'âdi.

June to October.

HEMEROBIIDÆ.

**Chrysopa vulgaris**, SCHN.

Abundant everywhere.

All the year.

**Hemerobius** sp.

Ma'âdi.

March.

PHRYGANEIDÆ.

Two spp. unidentified.

HYMENOPTERA.

TENTHREDINIDÆ.

**Allantus syriacus**, ANDRÉ.

Wâdi Hôf.

March.

CHALCIDIDÆ.

**Sycophaga sycomori**, LOW.

Common everywhere.

January to February and again in August and September.

**Philotrypesis ficus caricae**, WESTW.

Giza.

January.

**Leucospis miniata**, KLUG.

Sennâres.

June.

**Leucospis** sp.

Mariût.

May.

**Chalcis brevicornis**, KLUG.

Widely distributed.  
March to July.

**Chalcis pubescens**, KLUG.

Embâba, Cairo.  
June to August.

**Chalcis unicolor**, RAD.

Marg.  
September.

**Chalcis** sp.

Roda.  
August.

**Dirhinus excavatus**, DALMAN.

Roda, Sennûres.  
May and Augnst.

**Podagrion pachymerum**, WALK.

Ma'âdi, Shûbra.  
June and August.

**Cheiropachys colon**, L.

Shibîn el Qanâter.  
November and December.

**Pteromalus** sp.

Kharga Oasis.  
September to November.

**Eurytoma**, three spp. unidentified.

**Isosoma** sp.

Tura.  
February.  
Seventeen spp. unidentified.

EVANIIDÆ.

**Evania appendigaster**, L.

Cairo and district, Alexandria.  
June to September.

**Evania dimidiata**, F.

Ma'âdi, Benha, Barrage, Faraskûr.  
July to September.

**Gasteruption** (?) **granulithorax**,

TOURN.  
Egypt.

BRACONIDÆ.

**Vipio desertor**, F.

Ma'âdi, 'Ezbet el Nakhl, Alexandria.  
May to August.

**Vipio** sp. nr. **contractor**, NEES.

Mariût.  
March.

**Vipio** sp.

Ma'mûra.  
June.

**Bracon fastidiator**, F.

Cairo, Edfina.  
June and November.

**Bracon pectoralis**, WESM.

Mazghûna, 'Ezbet el Nakhl, Barrage.  
May.

**Rogas kitcheneri**, DUDGEON and

GOUGH.

Widely distributed.  
July to January.

**Sigalophus thoracicus**, CURTIS.

'Ezbet el Nakhl.  
May.

**Chelonella sulcata**, NEES.

Widely distributed.  
November and December.

**Apanteles ruficrus**, HALIDAY.

Cairo, Shûbra, Tanta, Zagazig.  
April, May, and December.

**Apanteles** sp. (?) **hoplites**, RATZ.

Shibîn el Kôm, Kafr el Dawâr.  
October and November.

**Microplites** sp. nr. **ocellatæ**, BOUCHÉ.

Nawa.  
April.

**Microplites** sp.

Kafr el Dawâr.  
July.

**Agathis tibialis**, NEES.

Mahalla el Kubra.  
November.

**Aphidius brassicæ**, MARSH.

Damanhûr.  
April.

**Zele nigricornis**, WALK.

Minia, Tura, Ma'âdi, Qaliûb, Suez.  
March to November.

Seven spp. unidentified.

ICHIUEUMONIDÆ.

**Cryptus hannibal**, SCHMIED.  
Mariât.  
March.

**Cryptus sponsor**, F.  
Fayûm, Ma'âdi.  
May and October.

**Cryptus** sp. nr. *atrides*, GRAV.  
Sidi Sâlem, Râs el Bar, Mex.  
May to July.

**Cryptus bovei**, BRULLÉ.  
Giza.

**Mesostenus hilarulus**, TOSQ.  
Ma'âdi, 'Ezbet el Nakhl, Marg,  
Barrage.  
March to July.

**Pimpla aegyptiaca**, SCHMIED.  
'Ezbet el Nakhl.  
March.

**Pimpla ephippium**, BRULLÉ.  
Giza.

**Pimpla robator**, F.  
Abundant everywhere.  
November to June.

**Pimpla spuria**, GRAV.  
Shûbra.  
January.

**Syzeuctus heluanensis**, SCHMIED.  
Cairo.

**Epialtes (?) manifestator**, L.  
Cairo.  
July.

**Bassus lœtatorius**, F.  
Abu Tig, Ma'âdi, Giza, Shûbra,  
'Ezbet el Nakhl, El Qalag.  
December to May.

**Allocamptus undulatus**, GRAV.  
Wâdi Höf.  
May.

**Henicospilus repentinus**, HLMGR.  
Ma'âdi.  
March to June.

**Ophion** sp. nr. *turcomanicus*, SZÉPL.  
Giza.

**Nototrachys foliator**, F.  
Widely distributed.  
April to October.

**Barylypa humeralis**, BRAUNS.  
Sheikh Fadl, Ma'âdi, Moqâttam Hills,  
Sidi Ghâzi, Biela, Montaza.  
June and July.

**Barylypa rufa**, HLMGR.  
Ma'âdi.  
September.

**Eulimneria** sp. nr. *xanthostoma*, GRAV.  
'Ein el Shams, 'Ezbet el Nakhl, El  
Qalag.  
March and April.

**Canidia subcincta**, GRAV.  
'Ezbet el Nakhl.  
March.

**Angitia (?) chrysosticta**, GMEL.  
Mariât.  
March.

**Angitia** sp. nr. *interrupta*, HLMGR.  
Minia, Fayûm, Mazghûna, Damans-  
hûr, Sakha, Sidi Ghâzi, Baltim.  
November to April.

**Angitia** sp. nr. *polyzona*, THOMS.  
Mazghûna, Shûbra, Cairo, Mataria,  
Alexandria.  
May to November.

**Anilastus försteri**, TSCHER.  
Kharga Oasis, Wâdi Höf, Ma'âdi.  
February to April.

**Exetastes syriacus**, SCHMIED.  
Ma'âdi.  
November.

**Pristomerus pallidus**, THOMS.  
Giza.  
November.

**Pristomerus vulnerator**, PANZ.  
Ma'âdi.  
April.

**Cremastus venustulus**, TOSQ.  
Giza, Cairo.  
May and October.

One sp. unidentified.

CHRYSIDIDÆ.

**Philoctetes deflexus**, ABEILLE.

Cairo, 'Ezbet el Nakhl, El Qalag,  
Barrage.

March to May.

**Holopyga gloriosa**, F.

Var. *viridis*, GUÉR.

'Ezbet el Nakhl.  
March.

**Hedychridium aheneum**, DAHLB.

Var. *virescens*, BUYSS.

Cairo.

May.

**Hedychrum rutilans**, DAHLB.

'Ezbet el Nakhl.  
May.

**Hedychrum cœlestinum**, SPIN.

Common everywhere.  
January to July.

**Chrysis chakouri**, BUYSS.

Saqqâra.  
May.

**Chrysis scioensis**, GRIB.

Cairo, Ma'âdi, Suez, Sakha.  
June to October.

**Chrysis blanchardi**, LUCAS.

'Ezbet el Nakhl.  
Mareh.

**Chrysis communis**, WALK.

Ma'âdi.  
December.

**Chrysis ehrenbergi**, DAHLB.

'Ezbet el Nakhl, Ma'sâra.  
Mareh and July.

**Chrysis episcopalis**, SPIN.

Ma'âdi, Saqqâra.  
April and May.

Var. *nomima*, BUYSS.

Ma'âdi, Saqqâra.

**Chrysis fasciolata**, KLUG.

Ma'âdi, Suez, Râs el Khalîg, Nag<sup>c</sup>  
Hamâdi.

April to September.

**Chrysis friesei**, BUYSS.

'Ezbet el Nakhl.  
May.

**Chrysis fuscipennis**, BRULLÉ.

Cairo.

May.

**Chrysis ignita**, L.

Mariût.

Mareh.

**Chrysis laetabilis**, BUYSS.

Marg, 'Ezbet el Nakhl, Ma'sâra.  
March to May.

**Chrysis taczanovskyi**, RAD.

Barrage.

July.

**Chrysis xanthocera**, KLUG.

Ma'âdi, Kharga Oasis.  
April and September.

**Chrysis inops**, GRIB.

Suez, Ma'âdi, Barrage.  
June to September.

**Chrysis lyncæa**, F.

Cairo and district, Benha, Alfâia, Barrage,  
Qorashâa, Faraskûr.

June to October.

**Chrysis stilboides**, SPIN.

Cairo and district, El Rieo, Alfâia.  
March to October.

**Chrysis (?) jousseaumei**, BUYSS.

Barrage.

July.

**Chrysis**, two spp. unidentified.

**Stilbum splendidum**, F.

Abundant everywhere.  
Throughout the year.

Var. *amethystinum*, F.

Ma'âdi, Ma'sâra, Saqqâra, Alfâia.

**Parnopes viridis**, BRULLÉ.

Saqqâra.

May.

FORMICIDÆ.

**Camponotus maculatus**, F.

Abundant everywhere.  
Throughout the year.

Winged ♂♂ and ♀♀ chiefly in  
June and July.

**Myrmecocystus albicans**, ROGER.

Ma'sâra.

April.

**Myrmecocystus viaticus**, F.

Abundant everywhere.

Throughout the year.

Winged ♂♂ and ♀♀ from March to June.

**Myrmecocystus bombycinus**, ROGER.

Common in the desert at Giza, Wasta, Kharga Oasis, Khanka, and Old Suez Road.

**Formica fusca**, L.

Cairo, 'Ezbet el Nakhl, Marg, El Qalag.

Winged ♂♂ in March.

**Prenolepis longicornis**, LATR.

Cairo.

**Prenolepis vividula**, NYL.

Ma'âdi, Tura, Marg, abundant.

Winged ♂♂ and ♀♀ January to May.

**Lasius niger**, L.

Wâdi Gendâli.

February.

**Tapinoma erraticum**, LATR.

Mariût.

March.

**Dorylus oraniensis**, LUCAS.

Mariût.

March.

♂♂ (Dorylus juvenculus, Schuck.), Alexandria, July to September.

**Monomorium subopacum**, SM.

Ma'âdi.

Winged ♂♂ and ♀♀ in March and April.

**Monomorium minutum**, MAYR.

Ma'âdi, Wâdi Höf.

Winged ♂♂ and ♀♀ in February.

**Monomorium niloticum**, EM.

Ma'âdi.

Winged ♂♂ and ♀♀ in April.

**Gremastogaster scutellaris**, OL.

Var. *læstrygon*, EM.

Sixth Tower, Old Suez Road.

November.

**Leptothorax angulatus**, MAYR.

Cairo.

April.

**Aphænogaster arenaria**, F.

Abundant everywhere.

Winged ♂♂ and ♀♀ from October to December.

**Aphænogaster barbara**, L.

Var. *ægyptiaca*, EM.

Alexandria, Nawa, Giza, Fayûn.

**Aphænogaster rufotestacea**, FÖRST.

Wâdi Höf.

April.

**Pheidole megacephala**, F.

Mariût, 'Ezbet el Nakhl, Ma'âdi.

Winged ♂♂ and ♀♀ from April to July.

Three spp. unidentified.

MUTILLIDÆ.

**Apterogyna klugi**, ANDRÉ.

Cairo.

**Apterogyna savignyi**, KLUG.

Ma'âdi, Beni Suef.

May and December.

**Ephutomma bicolor**, OL.

Ma'âdi.

October.

**Ephutomma biskrensis**, ANDRÉ.

Ma'âdi, Ma'sâra, Giza, 'Ein el Shams, El Qalag.

August to October.

**Ephutomma continua**, F.

Giza, 'Ein el Shams, El Qalag.

August to October.

**Myrmilla** sp.

Mariût.

March.

**Mutilla arsinoensis**, ANDRÉ.

Ma'âdi.

October.

<b>Mutilla barbara</b> , L.		<b>Myzine</b> , two spp. unidentified.
Var. <b>maculosa</b> , OL.		<b>Dielis collaris</b> , F.
Mariût, Margheb.	Abundant everywhere.	Throughout the year.
March to November.		
<b>Mutilla interrupta</b> , OL.		<b>Dielis hyalina</b> , KLUG.
Common everywhere.		Ma'âdi, Giza.
Throughout the year.		December and January.
<b>Mutilla maroccana</b> , OL.		<b>Scolia bidens</b> , L.
Baltîm.	Mariût.	
July.	Mareh.	
<b>Mutilla montana</b> , PANZ.		<b>Scolia ciliata</b> , F.
Ma'âdi.	Mariût.	
May.	Mareh.	
<b>Mutilla partita</b> , KLUG.		<b>Scolia erythrocephala</b> , F.
Var. <b>obscurithorax</b> , ANDRÉ.	Abundant everywhere.	
Mariût.	April to November.	
Mareh.		
<b>Mutilla rufipes</b> , F.		<b>Scolia interstincta</b> , KLUG.
Ma'âdi.	Common everywhere.	
Throughout the year.	Mareh to June.	
<b>Mutilla signata</b> , KLUG.		<b>Scolia maura</b> , F.
Ma'âdi.	Common everywhere.	
November.	March to June.	
<b>Mutilla subcomata</b> , WESM.		<b>Scolia mendica</b> , KLUG.
Ma'âdi, Kharga Oasis.	Common everywhere.	
February to May.	April to June.	
<b>Dasylabris arabica</b> , OL.		<b>Scolia unifasciata</b> , CYRILLO.
Widely distributed.	Common everywhere.	
May to August.	April to June.	
<b>Dasylabris maura</b> , L.		
Kharga Oasis.		<b>POMPILIDÆ.</b>
February.		
Var. <b>arenaria</b> , F.		<b>Pompilus atrohirtus</b> , KOHL.
Saqqâra, 'Ein el Shams, Râs el Bar.	Widely distributed.	
Mareh to July.	November to May.	
		<b>Pompilus cingulatus</b> , DAHLB.
		Ma'âdi.
		September.
		<b>Pompilus dispar</b> , DAHLB.
		Abundant everywhere.
		Throughout the year.
<b>Myzine sp. nr. mogadorensis</b> , TURN.		<b>Pompilus fertoni</b> , SAUND.
Mariût.	Ma'âdi.	
May to July.	May.	

**Pompilus fuscus**, L.  
Widely distributed.  
Throughout the year.

**Pompilus gentilis**, KLUG.  
Ma'âdi, Marg, Shûbra.  
March to October.

**Pompilus (?) gracilis**, KLUG.  
Ma'âdi, Moqattam Hills.  
May.

**Pompilus melanurus**, KLUG.  
Ma'âdi.  
January.

**Pompilus melas**, KLUG.  
Ma'âdi, Ma'sâra, Heliopolis.  
April to September.

**Pompilus (?) nigritulus**, KLUG.  
Ma'sâra, Tura.  
February, April, and October.

**Pompilus plumbeus**, F.  
Ma'âdi.  
June.

**Pompilus quadripunctatus**, F.  
Mariânt.  
May to November.

**Pompilus ruficrus**, KLUG.  
Widely distributed.  
May to December.

**Pompilus rutilus**, KLUG.  
Widely distributed.  
May to September.

**Pompilus sericans**, KLUG.  
Ma'âdi, Ma'sâra, Hamûl.  
March to July.

**Pompilus (?) signatipennis**, KLUG.  
Giza, Khanka.  
May to August.

**Pompilus sugillatus**, KLUG.  
Kafr el Dawâr, Sidi Ghâsi.  
June and July.

**Pompilus umbrosus**, KLUG.  
Maidûm, Ma'âdi, Abu Qir.  
February to June.

**Pompilus vespiformis**, KLUG.  
Kharga Oasis, Ma'sâra, Wâdi Höf,  
Ma'âdi, Faraskîr.  
February to September.

**Pseudopompilus antonini**, COSTA.  
Suez.  
July.

**Salius croceicornis**, DUF.  
Widely distributed.  
Throughout the year.

Thirteen spp. unidentified.

SPHEGIDÆ.

**Ammophila atrocyanea**, EVERSM.  
Ma'âdi, El Qalag, Mariânt.  
March and April.

**Ammophila hirsuta**, SCOP.  
Ma'sâra, 'Ein el Shams, Nawa.  
February to April.

**Ammophila lutea**, TASCH.  
Ma'âdi, Heliopolis.  
April to July.

**Ammophila pœcilocnemis**, MORICE.  
Widely distributed.  
April to September.

**Ammophila tydei**, GUILL.  
Abundant everywhere.  
Throughout the year.

**Ammophila**, seven spp. unidentified.

**Parapsammophila monilicornis**,  
MORICE, var.  
Ma'âdi.  
May.

**Sceliphron spirifex**, L.  
Common everywhere.  
Throughout the summer.

**Sceliphron violaceum**, F.  
Widely distributed.  
May to August.

**Sphecodes aegyptius**, LEP.  
Everywhere.  
April to October.

<b><i>Sphex flavipennis</i>, F.</b>		<b><i>Cerceris klugi</i>, SCHLETT.</b>	
Saqqâra.		Widely distributed.	
May.		May to July.	
<b><i>Sphex niveatus</i>, DUF.</b>		<b><i>Cerceris lutea</i>, TASCH.</b>	
Ma'âdi, Moqattam Hills, Ma'sâra,		Ma'âdi, Giza, El Qalag.	
Suez.		May to August.	
April to August.		<b><i>Cerceris nasuta</i>, LEP.</b>	
<b><i>Sphex umbrosus</i>, CHRIST.</b>		Ma'âdi, 'Ezbat el Nakhl, 'Ein el	
Nag' Hamâdi, Ma'sâra, Ma'âdi, Tel el		Shams, Abu Qir, Mariût.	
Kebîr, Faraskûr.		May to June.	
April to October.		<b><i>Cerceris pallidula</i>, MORICE.</b>	
<b><i>Sphex</i> probably n. sp. nr. <i>splendidus</i>, F.</b>		Ma'âdi.	
Ma'âdi, Ma'sâra.		June.	
November.		<b><i>Cerceris pulchella</i>, KLUG.</b>	
<b><i>Sphex pruinosus</i>, GERM.</b>		Ma'âdi, El Qalag.	
Giza, Suez.		August.	
June to September.		<b><i>Cerceris</i>, three spp. unidentified.</b>	
<b><i>Sphex</i>, two spp. unidentified.</b>		<b><i>Gorytes coarctatus</i>, SPIN.</b>	
<b><i>Philanthus coarctatus</i>, SPIN.</b>		Nag' Hamâdi, Ma'âdi, Marg, Fa-	
Ma'âdi.		raskûr.	
July to September.		June to September.	
<b><i>Philanthus niloticus</i>, SM.</b>		<b><i>Palarus spinolæ</i>, SAUSS.</b>	
Ma'âdi, 'Ezbat el Nakhl.		Ma'âdi, Zeitûn, Giza.	
April to July.		May to August.	
<b><i>Philanthus rutilans</i>, SPIN.</b>		<b><i>Crabro confinis</i>, WALK.</b>	
Ma'âdi.		Cairo, Ma'âdi, Marg, Giza.	
March and April.		All the year.	
<b><i>Philanthus triangulum</i>, F.</b>		<b><i>Trypoxylon attenuatum</i>, SM.</b>	
Abundant everywhere.		Ma'âdi, Gezîra, Barrage, Hamûl, Râs	
Throughout the year.		el Bar.	
<b><i>Philanthus</i>, three spp. unidentified.</b>		May to August.	
<b><i>Cerceris albicincta</i>, KLUG.</b>		<b><i>Trypoxylon</i> sp.</b>	
Ma'âdi.		Ma'âdi, Tura.	
May.		May to December.	
<b><i>Cerceris capito</i>, LEP.</b>		<b><i>Stizus ægyptius</i>, LEP.</b>	
Common everywhere and very va-		Ma'âdi, Heliopolis.	
riable.		April and May.	
April to September.		<b><i>Stizus apicalis</i>, KLUG.</b>	
<b><i>Cerceris excellens</i>, KLUG.</b>		Sidi Sâlem.	
Mariût.		July.	
November.		<b><i>Stizus bizonatus</i>, SPIN.</b>	
<b><i>Cerceris fasciata</i>, LEP.</b>		Cairo and district, Qaliûb, Suez,	
'Ein el Shams.		Abu Qîr.	
May.		May to September.	

**Stizus cheops**, MORICE.  
Cairo and district, Wâdi Rashid,  
Suez, Kafr el Dawâr.  
April to September.

**Stizus fuliginosus**, KLUG.  
Ma'âdi, Wasta, Fayûm, Wâdi Höf.  
March to May.

**Stizus kohlii**, MRCS.  
Ma'âdi, Qubba, Heliopolis, Edkû.  
April to August.

**Stizus pœcilopterus**, HDL.  
Suez.  
July and August.

**Stizus rapax**, HDL.  
Ma'âdi.  
April and May.

**Stizus succineus**, KLUG.  
Ma'âdi, Giza, Zeitûn, Mallaha.  
May to July.

**Stizus vespoides**, WALK.  
Wâdi Rashid, Ma'âdi, Zeitûn, Heliopolis, El Qalag, Suez, Râs el Bar.  
June to September.

**Stizus**, five spp. unidentified.

**Bembex chlorotica**, SPIN.  
Ma'âdi, Saqqâra, Giza. Heliopolis, Khanka.  
April to July.

**Bembex dahlbomii**, HDL.  
Ma'âdi, Khanka, Râs el Bar.  
May to July.

**Bembex lusca**, SPIN.  
Ma'âdi, Tura, Giza, Suez, Mallaha, Alexandria.  
April to September.

**Bembex mediterranea**, HDL.  
Abundant everywhere.  
May to August.

**Bembex nasuta**, MORICE.  
Ma'âdi.  
May.

**Bembex oculata**, LATR.  
Nag' Hamâdi, Ma'âdi, Embaba, Barrage, Zagazig.  
May to September.

**Bembex portschinskii**, RAD.  
Saqqâra, Giza, Ma'âdi.  
March to May.

**Bembex radoskowskyi**, HDL.  
Ma'âdi.  
June.

**Bembex turca**, DAHLB.  
Edku, Edfina, Montâza, Mamûra, Mallaha, Abu Qir, Alexandria.  
June and July.

**Miscophus ctenopus**, KOHL.  
Ma'sâra, Ma'âdi, Moqattam Hills, Heliopolis.  
March to July.

**Larra anathema**, L.  
Abundant everywhere.  
May to November.

**Liris hæmorrhoidalis**, F.  
Nag' Hamâdi, Abu Tig, Ma'âdi.  
Shûbra, Alfia, Faraskûr.  
Throughout the year.

**Notogonia memnonia**, SM.  
Cairo, Ma'âdi, Giza, Shûbra, Alfia.  
Throughout the year.

**Notogonia nigrita**, LEP.  
Ma'âdi, Mariût.  
January to May.

**Notogonia pomphiliformis**, PANZ.  
Ma'âdi, Shûbra, 'Ezbet el Nakhl, Râs el Khalig, Faraskûr, Mariût.  
All the year.

**Notogonia n.sp. nr. argyropyga**, COSTA.  
Ma'âdi, Heliopolis.  
January and September.

**Notogonia**, one sp. unidentified.

**Pison xanthopus**, BRULLÉ.  
Ma'âdi, Gezira, Suez. Sakha.  
June to October.

**Tachytes ambidens**, KOHL.  
Ma'âdi.  
July.

**Tachytes cameroniana**, MORICE.  
Ma'âdi, Giza, Alexandria.  
June to July.

**Tachysphex ægyptiacus**, MORICE.

Ma'âdi.

Deeember.

**Tachysphex nitidus**, SPIN.

Ma'âdi, Faraskûr.

April to September.

**Tachysphex panzeri**, v.d. LIND.

Ma'âdi, Heliopolis, Khanka, Mariût.

April to July.

**Tachysphex vestitus**, KOHL.

Ma'âdi, Heliopolis, Old Suez Road.

April and May.

**Tachysphex**, seven spp. unidentified.

#### EUMENIDÆ.

**Eumenes dimidiatipennis**, SAUSS.

Ma'âdi.

May.

**Eumenes gracilis**, SAUSS.

Fayûm, Ma'âdi, Giza, Marg, Suez.

Throughout the year.

**Eumenes maxillosa**, F.

Abundant everywhere.

Throughout the year.

**Eumenes nigra**, BRULLÉ.

Ma'sâra, Ma'âdi, Mariût.

Mareh to May.

**Eumenes pomiformis**, ROSSI.

Abundant everywhere.

Throughout the year.

**Eumenes unguicula**, VILLERS.

Ma'âdi.

May.

**Rhynchium cyanopterum**, SAUSS.

Ma'âdi, Giza, El Qalag, Faraskûr,

Damietta.

May to September.

**Rhynchium oculatum**, F.

Common everywhere.

May to November.

**Odynerus alexandrinus**, SAUSS.

Sennûres, Ma'âdi, 'Ezbet el Nakhl,

Tûkh, Zagazig, Mariût.

January to Mareh.

**Odynerus biphaleratus**, SAUSS.

Tura, Ma'âdi.

February to April.

**Odynerus (?) blanchardianus**, SAUSS.

Ma'sâra, Ma'âdi, Marg, Heliopolis.

April to September.

**Odynerus chloroticus**, SPIN.

Kharga Oasis, Saqqâra, Giza, Ma'âdi,

Suez.

May to September.

**Odynerus dantici**, ROSSI.

Giza, Suez, Edku, Ma'mûra, Alexandria, Mariût.

April to August.

**Odynerus floricola**, SAUSS.

Ma'âdi, 'Ein el Shams, Barrage, Qaha.

Throughout the year.

**Odynerus notula**, LEP.

Mariût.

Mareh.

**Odynerus parietum**, L.

Kharga Oasis, Shûbra, 'Ezbet el Nakhl, 'Ein el Shams, Marg, Sîdi Sâlem, Alexandria.

Mareh to September.

**Odynerus sessilis**, SAUSS.

Ma'âdi.

March.

**Odynerus**, seven spp. unidentified.

#### MASARIDÆ.

**Masaris vespiformis**, F.

Mazghûma.

May.

**Celonites fischeri**, SPIN.

'Ezbet el Nakhl.

May.

**Celonites** sp.

Wâdi Hôf.

April.

Two spp. unidentified.

VESPIDÆ.

**Polistes gallica**, L.

Abundant everywhere.  
Throughout the year.

**Vespa orientalis**, F.

Abundant everywhere.  
Throughout the year.

COLLETIDÆ.

**Colletes balteata**, NYL.

Abundant everywhere.  
Throughout the year.

**Colletes braccata**, PEREZ.

Abu Tig.  
April.

**Colletes eatoni**, MORICE.

Cairo and district, Barrage, Sidi  
Sâlem, Alexandria.  
February to July.

**Colletes nana**, MORICE.

Wâdi Höf, Ma'âdi, Ma'sâra, 'Ezbet el  
Nakht.  
December to May.

**Colletes**, three spp. unidentified.

APIDÆ.

**Sphecodes fumipennis**, GERM.

Ma'âdi.  
February.

**Sphecodes spinulosus**, v. HAGENS.

Abundant everywhere.  
February to September.

**Sphecodes**, two spp. unidentified.

**Melitta schmiedeknechti**, FRIESE.  
Abu Tig, Girga, Giza, Ma'âdi, Zeitûn.  
February to May.

**Melitta leporina**, KLUG.

Ma'âdi, Zeitûn.  
January to May.

**Melitta** sp.

Mariût.  
March.

**Andrena afzeliella**, KIRBY.

Abundant everywhere.  
February to May.

**Andrena bipartita**, LEP.

Ma'âdi, Giza.  
February to March.

**Andrena (?) croceiventris**, MOR.

Ma'âdi, 'Ezbet el Nakhl, Mariût.  
March.

**Andrena fulvicrus**, KIRBY.

Abundant everywhere.  
February to June.

**Andrena morio**, BRULLÉ.

Common everywhere.  
February to June.

**Andrena thoracica**, F.

Mariût.  
March.

**Andrena turcestanica**, MOR.

Fayîm, Giza, Tura, Ma'âdi.  
February to April.

**Andrena vetula**, LEP.

Badresheim, Giza, Ma'âdi.  
March.

**Andrena**, fourteen spp. unidentified.

**Halictus (?) carneiventris**, DOURS.

Ma'sâra, Ma'âdi, Embâba, Mallaha,  
Alexandria.  
April to July.

**Halictus quadristrigatus**, LATR.

Abundant everywhere.  
March to July.

**Halictus scabiosæ**, SPIN.

Abundant everywhere.  
March to August.

**Halictus tumulorum**, L.

Widely distributed.  
February to July.

**Nomia ruficornis**, L.

Abundant everywhere.  
May to September.

**Nomiooides squamigera**, E. SAUNDERS.

Khanka, Qaliûb.  
May to July.

**Nomiooides variegata**, OLIV.

Abundant everywhere.  
February to September.

**Nomiooides** sp.

Qaliûb.  
July.

**Nomada fucata**, PANZ.

Widely distributed.  
February to June.

**Nomada lathburiana**, KIRBY.

Ma'âdi.  
February.

**Nomada**, four spp. unidentified.

**Osmia decem-signata**, RAD.

Widely distributed.  
March to July.

**Osmia derasa**, PEREZ.

Mariût.  
March.

**Osmia latreillei**, SPIN.

Abu Tig, Giza, Ma'âdi, Sakha,  
Mariût.  
March to May.

**Osmia punica**, PEREZ.

Mariût.  
March.

**Osmia rufa**, PANZ.

Giza, Ma'âdi, Nawa.  
February and March.

**Osmia** sp.

Mariût.  
March.

**Ammobates oraniensis**, LEP.

Mariût.  
March.

**Stelis cassiopaea**, SAUND.

Mariût.  
March.

**Stelis** sp.

Ma'âdi.  
April.

**Anthidium afrum**, LEP.

Saqqâra.  
May.

**Anthidium echinatum**, KLUG.

Ma'âdi, Wâdi Rashîd.  
February to April.

**Anthidium ferrugineum**, F.

Var. **thoracicum**, KLUG.  
Widely distributed.  
April to August.

**Anthidium cinctum**, KLUG.

(Probably var. of **ferrugineum**).  
Ma'âdi.  
August.

**Anthidium (?) latreillei**, LEP.

Ma'âdi.  
April.

**Anthidium tesselatum**, KLUG.

'Ein el Shams.  
May.

**Prosopis dinkleri**, FRIESE.

Cairo, Ma'âdi, Giza, Sidi Sâlem.  
March to July.

**Ceratina tarsata**, MOR.

Widely distributed.  
April to September.

**Megachile argentata**, F.

Abundant everywhere.  
March to September.

**Megachile chrysurus**, FONSC.

Embâba, Zeitûn, 'Ezbet el Nakhl,  
Barrage, Zagazig.  
May to June.

**Megachile flavipes**, SPIN.

Abundant everywhere.  
March to September.

**Megachile mucorea**, FRIESE.

Widely distributed.  
March to July.

**Megachile muraria**, L.

Mariût.  
March.

**Megachile nasidens**, FRIESE.

Mariût, Wâdi Hôf.  
February to June.

**Megachile sicula**, Rossi.

Abundant everywhere.  
January to March.

**Megachile**, six spp. unidentified.

**Eriades rubicolus**, PEREZ.  
Widely distributed.  
April to October.

**Coelioxys erythrura**, SPIN.  
Saqqâra.  
May.

**Coelioxys farinosa**, SM.  
Widely distributed.  
March to September.

**Coelioxys hæmorrhoa**, FÖRST.  
Widely distributed.  
March to September.

**Paracœlioxys rufiventris**, SPIN.  
Ma'âdi, 'Ezbet el Nakhl.  
March to May.

**Crocisa quadridentata**, E. SAUNDERS.  
Ma'âdi.  
May to August.

**Crocisa ramosa**, LEP.  
Widely distributed.  
March to September.

**Crocisa scutellaris**, F.  
Saqqâra, Giza, Ma'âdi.  
All the year.

**Crocisa** sp.  
Giza.  
May.

**Melecta grandis**, LEP.  
Widely distributed.  
December to April.

**Melecta luctuosa**, SCOP.  
Ma'âdi, Giza, Heliopolis.  
February and March.

**Eucera affinis**, SPIN.  
Ma'âdi.  
February.

**Eucera algira**, LEP.  
Ma'âdi.  
February.

**Eucera alternans**, BRULLÉ.  
Mariût.  
March.

**Eucera atrata**, KLUG.  
Mariût.  
March.

**Eucera cuniculina**, KLUG.  
Ma'âdi.  
March and April.

**Eucera discoidalis**, MOR.  
Ma'âdi, Giza, Mariût.  
February to March.

**Eucera grisea**, F.  
Mariût.  
March.

**Eucera malvæ**, ROSSI.  
Ma'âdi.  
March.

**Eucera** sp. nr. **metallescens**, MOR.  
Ma'sâra, Ma'âdi, Embâba.  
April to June.

**Eucera nigrilabris**, LEP.  
Fayûm, Ma'âdi, Mariût.  
January to March.

**Eucera ruficollis**, BRULLÉ.  
Fayûm, Ma'âdi, Nawa, Benha.  
November to March.

**Eucera thoracica**, SPIN.  
Mariût.  
March.

**Eucera** (?) **tristis**, MOR.  
Mariût.  
March.

**Eucera** (?) **trivittata**, BRULLÉ.  
Mariût.  
March.

**Eucera**, two spp. unidentified.

**Anthophora agama**, RAD.  
Mariût.  
March.

**Anthophora albigena**, LEP.  
Widely distributed.  
February to September.

**Anthophora albosignata**, FRIESE.  
Mariût.  
March.

**Anthophora atriceps**, PEREZ.

Mariüt.

Mareh.

**Anthophora atricillus**, EVERSM.

Mex, Maimûra.

May and June.

**Anthophora atroalba**, LEP.

Mariüt.

Mareh.

**Anthophora biciliata**, LEP.

Ma'âdi, Wâdi Rashid.

February to April.

**Anthophora bicincta**, F.

Var. *vidua*, KLUG.

Saqqâra.

May.

**Anthophora byssina**, KLUG.

Wâdi Rashid, Ma'sâra, Ma'âdi, Giza,

Heliopolis, Khanka.

April to August.

**Anthophora** sp. nr. *calcarata*, LEP.

Wâdi Höf.

January.

**Anthophora dispar**, LEP.

Ma'âdi, Giza, Nawa, Mariüt.

Deeember to March.

**Anthophora erubescens**, LEP.

Ma'âdi.

May.

**Anthophora fulvitarsis**, FRIESE.

Common everywhere.

January to March.

**Anthophora hispanica**, EVERSM.

Ma'âdi, Mariüt.

Mareh and April.

**Anthophora mucorea**, KLUG.

Qubba, Marg, Khanka, Damietta.

May to September.

**Anthophora nigrocincta**, LEP.

Ma'âdi, Giza, Nawa.

Deeember to March.

**Anthophora quadrifasciata**, VILLERS.

Abundant everywhere.

March to September.

**Anthophora retusa**, L.

Common everywhere.

November to March.

**Anthophora (?) salviæ**, MOR.

Wâdi Höf.

January.

**Anthophora tenella**, KLUG.

Ma'âdi, Bedresheim.

Mareh to July.

**Anthophora (?) vulpina**, PEREZ.

Wâdi Höf.

January.

**Anthophora** sp.

Ma'âdi, Wâdi Höf.

January to April.

**Xylocopa aestuans**, L.

Abundant everywhere.

Throughout the year.

**Melipona** sp. unidentified.

Widely distributed.

Mareh to October.

**Apis mellifica**, L.

Var. *fasciata*, LATR.

The Egyptian honey-bee.

**COLEOPTERA.**

CICINDELID.E.

**Cicindela flexuosa**, F.

Ma'âdi, El Qalag, Khanka, Edfina.

March to June.

**Cicindela aulica**, DEJ.

Ma'âdi, Tura, Helwân, Suez, Hamûl,

Edku, Râs el Bar, Siwa Oasis.

June to October.

**Cicindela nilotica**, DEJ.

Tura, Ma'âdi.

July to Oetober.

**Cicindela melancholica**, F.

Ma'âdi, Zagazig, Mariüt.

July.

**Cicindela littorea**, FORSK.

Edku.

June.

**Tetracha euphratica**, LATR.

Fayûm, Helwân, Giza.

April and May.

**Var. nigra**, W. HORN.

Cairo.

September.

**CARABIDÆ.**

**Calosoma olivieri**, DEJ.

Ma'âdi.

May.

**Calosoma rugosum**, DE GEER.

Kharga Oasis, Ma'âdi, Giza, Benha.

February to July.

**Scarites striatus**, DEJ.

Ma'âdi.

April to July.

**Scarites eurytus**, FISC.

Alexandria.

**Scarites planus**, BOV.

Tura, Ma'âdi.

March and April.

**Dyschirius** sp.

Tura, Marg.

February to March.

**Anthia sexmaculata**, F.

Khauka.

April.

**Graphipterus serrator**, FORSK.

Helwân, Mazghûna, Giza, 'Ein el

Shams, Marg, Khanka, Tel el

Kebir.

February to June.

**Broscus lœvigatus**, DEJ.

Mariût.

November.

**Bembidium varium**, OL.

Tura, Shâbra, 'Ezbet el Nakhl, Desiq,

Deirût.

February to September.

**Bembidium mixtum**, SCHAUM.

Tura, Ma'âdi, Shâbra, 'Ezbet el Nakhl.

April to August.

**Bembidium niloticum**, DEJ.

Shâbra.

September.

**Bembidium aegyptiacum**, DEJ.

Cairo.

**Tachys gilvus**, SCHAUM.

Cairo.

August to October.

**Tachys ornatus**, APETZ.

Cairo.

**Tachys lucasi**, JACQ.

Girga, Tura, Ma'âdi, Khanka, Zagazig,

Sakha.

January to July.

**Var. metallicus**, PEYRON.

Zagazig.

June.

**Apotomus flavesiensis**, APETZ.

Zagazig.

June.

**Chlaenius spoliatus**, ROSSI.

Tura, 'Ezbet el Nakhl.

February, April.

**Licinus aegyptiacus**, DEJ.

Alexandria.

**Siagona brunnipes**, DEJ.

Giza.

December.

**Siagona depressa**, F.

Cairo.

**Acupalpus elegans**, DEJ.

Ma'âdi.

June and July.

**Egadroma marginata**, DEJ.

Tura, Ma'âdi.

All the year.

**Amara refuscens**, DEJ.

Tura, Mariût.

February to June.

**Abacetus aeneolus**, CHAUD.

Cairo.

**Pterostichus conformis**, DEJ.

Giza.

December.

<b>Pterostichus barbarus, DEJ.</b>	<b>Hygrotus musicus, KLUG.</b>
Kharga Oasis, Ma'âdi, Mariût, Port Said.	Giza, Tura. February to October.
All the year.	
<b>Tetragonoderus arcuatus, DEJ.</b>	<b>Bidessus confusus, KLUG.</b>
Ma'âdi.	Helwân, Tura, Giza. February to October.
October.	
<b>Metabletus lateralis, MOTS.</b>	<b>Bidessus porcatus, KLUG.</b>
Barrage.	Abn Roash, Tura. February and September.
February.	
<b>Cymindis suturalis, DEJ.</b>	<b>Bidessus signatellus, KLUG.</b>
Cairo.	Giza, Tura, Mansûra. February to October.
<b>Cymindis sitifensis, LUCAS.</b>	<b>Bidessus major, SHARP.</b>
Wâdi Hôf, Mariût.	Giza. June.
April and November.	
<b>Platytarus famini, DEJ.</b>	<b>Hydroporus affinis, AUBÉ.</b>
Cairo.	Mariût. May.
<b>Microlestes binotatus, REITT.</b>	<b>Hydroporus insignis, KLUG.</b>
Tura, Gîza, Mazghûna.	Sinai. March.
May, August, December.	
<b>Microlestes glabrellus, CHAUD.</b>	<b>Hypoporus solieri, AUBÉ.</b>
Ma'sâra, Tura.	Var. <i>innesi</i> , REITT. Tura, Ma'âdi. February to October.
June and August.	
<b>Microlestes vittatus, BAUDI.</b>	<b>Hydrovatus longicornis, SHARP.</b>
Tura, Gîza.	Tura. February.
August, December.	
<b>Zuphium oleus, ROSSI.</b>	<b>Canthydrus notula, ER.</b>
Marg.	'Ezbet el Nakhl. March.
March.	
<b>Brachynus oblongus, DEJ.</b>	<b>Laccophilus umbrinus, MOTS.</b>
Luxor, Assiût, Ma'âdi.	Tura, Gîza. February and October.
May to December.	
	<b>Laccophilus luridus, SHARP.</b>
HALIPLIDÆ.	'Ezbet el Nakhl. October.
<b>Haliplus maculipennis, SCHAUM.</b>	<b>Colymbetes piceus, KLUG.</b>
Talbîa.	Kharga Oasis. January.
March.	
	<b>Hydaticus leander, ROSSI.</b>
DYTISCIDÆ.	Kharga Oasis, Marg. January to March.
<b>Hyphydrus major, SHARP.</b>	
Talbîa.	
September.	
<b>Herophydrus guineensis, AUBÉ.</b>	
Kharga Oasis, Tura. Talbîa.	
January to March.	

**Cybister ægyptiacus**, PEYR.

Fayûm, Ma'âdi, Zagazig.

All the year.

**Eunectes sticticus**, L.

Tura, Ma'âdi.

January and June.

GYRINIDÆ.

**Gyrinus niloticus**, WALT.

Tura, Ma'âdi, Desûq.

March to June.

**Dineutes subspinosa**, KLUG.

Shûbra, Marg, Desûq.

March to July.

**Dineutes æreus**, KLUG.

Kharga and Bahariâ Oases.

September to February.

PAUSSIDÆ.

**Paussus zaharæ**, BEDEL.

Ma'âdi.

June to November.

STAPHYLINIDÆ.

**Trogophlœus memnonius**, ER.

Marg, 'Ein el Shamis.

June to September.

**Oxytelus nitidulus**, GRAV.

Benha.

June.

**Platystethus cornutus**, GRAV.

Girga.

April.

**Pæderus fuscipes**, CURT.

Abundant everywhere.

All the year.

**Astenus melanurus**, KÜST.

Gîza.

December.

**Greophilus maxillosus**, L.

Fayûm, Ma'âdi.

March and April.

**Philonthus concinnus**, GRAV.

Cairo.

**Philonthus sordidus**, GRAV.

Benha.

June.

**Tachyporus nitidulus**, F.

Shûbra.

May.

HISTERIDÆ.

**Hister major**, L.

Benha, Mariût.

March to June.

**Hister scutellaris**, ER.

Tura, Ma'âdi.

June and October.

**Hister bimaculatus**, L.

Khanka.

May.

**Platysoma niloticum**, REITT.

Shûbra.

June.

**Teretrius kraatzi**, MARS.

Shûbra, Mataria.

June and July.

**Carcinops minima**, AUBÉ.

Shûbra.

June.

**Saprinus punctatissimus**, ER.

Giza.

Deeember to February.

**Saprinus semipunctatus**, F.

Ma'âdi, Cairo, Mataria.

March, April, and December.

**Saprinus gilvicornis**, ER.

Dachor.

April.

**Saprinus politus**, BRAHM.

Ma'âdi, Cairo, Marg.

January to August.

**Saprinus moyses**, MARS.

Tura, Marg.

April.

**Saprinus blanchei**, MARS.

Egypt.

April.

**Saprinus ornatus**, ER.

Marg.

March.

**Saprinus chalcites**, LILLIG.

Ma'âdi.

March to July.

**Saprinus semistriatus**, SCRIBA.

Ma'âdi, Cairo.

March to May.

H Y D R O P H I L I D E .

**Helophorus deplanus**, WALT.

Tura.

March.

**Ochthebius sericeus**, MULS.

Common everywhere.

All the year.

**Spercheus cerisyi**, GUÉR.

Giza.

October.

**Temnopterus spinipennis**, GORY.

Cairo.

**Sternolophus solieri**, CAST.

Giza.

October.

**Philhydrus maculipex**, KÜV.

Cairo.

**Philhydrus ater**, KÜV.

Giza.

October.

C A N T H A R I D E .

**Laius venustus**, ER.

Nag' Hamâdi, Giza, Ma'âdi.

May to December.

**Colotes javeti**, DUV.

Embâba.

June.

**Colotes ogieri**, FAIRM.

Ma'âdi.

March.

**Melyris ruficrus**, FAIRM.

Var. *aristidis*, PIQ.

Mariût.

March.

L A M P Y R I D E .

**Lampyrus (?) lusitanica**, MOTS.

Mariût.

March and November.

C L E R I D E .

**Trichodes affinis**, SPIN.

Sennûres, El Qalag.

January to March.

**Trichodes crabroniformis**, F.

Mazghûna, Ma'âdi, Zeitûn, Marg,

Zagazig.

May to August.

**Cylidrus** sp.

Ma'âdi.

October.

**Necrobia rufipes**, DE GEER.

Ma'âdi, Giza, Port Said.

March to October.

N I T I D U L I D E .

**Carpophlus dimidiatus**, F.

Var. *mutilatus*, ER.

Rôda, Giza.

August to December.

Var. *luridus*, MURR.

Rôda, Giza, Matarâa.

August to December.

**Cybocephalus** sp.

Marg.

March to May.

C U C U J I D E .

**Læmophloeus testaceus**, F.

Shûbra.

May.

E R O T Y L I D E .

**Cryptophilus integer**, HEER.

Cairo.

**Triplax melanocephalus**, LATR.

Mariût.

PHALACRIDÆ.

**Olibrus corticalis**, PANZ.

Cairo.

**Olibrus liquidus**, ER.

Ma'âdi.

May.

**Olibrosoma testaceum**, MULS.

Embâba.

June.

**Phalacrus rufipes**, TOURN.

'Ezbet el Nakhl.

May.

THORICTIDÆ.

**Thorictus castaneus**, GERM.

Cairo.

LATHRIDIIDÆ.

**Melanophthalma carinulata**, MOTS.

Marg, Shirbin, Giza.

December to May.

COLYDIIDÆ.

**Ditoma rufa**, MOTS.

Cairo.

**Myrmicoxenus vaporariorum**, GUÉR.

Marg.

September.

COCCINELLIDÆ.

**Epilachna chrysomelina**, F.

Common everywhere.

February to August.

**Coccinella undecim-punctata**, L.

Abundant everywhere.

All the year.

**Coccinella septem-punctata**, L.

Kharga Oasis, Helmia, Port Said.

All the year.

**Chilomenes vicina**, MULS.

Var. **nilotica**, MULS.

Tura, 'Ein el Shams, Benha, Mansûra.

All the year.

Var. **subsignata**, PIC.

Cairo, Embâba, Mansûra.

**Chilocorus bipustulatus**, L.

Cairo, Nawa, Mashtûl, Zagazig.

September to February.

**Exochomus nigromaculatus**, GOEZE.

Var. **nigripennis**, ER.

Ma'âdi, 'Ezbet el Nakhl, Damietta,

Shûbra.

June to November.

**Scymnus syriacus**, MARS.

Qubba.

June.

**Scymnus pallidivestris**, MULS.

Shirbin, Marg.

April and May.

**Scymnus biverrucatus**, PANZ.

Shûbra, Marg, Shirbin.

December to May.

**Rhizobius litura**, F.

Zagazig, Marg, Wâdi Rashid, 'Ezbet el Nakhl.

February to August.

**Lithophilus cordicollis**, GUÉR.

Mariût.

November.

**Vedalia cardinalis**, MULS.

Beni Suef, Wasta, Helmia.

May and December.

DERMESTIDÆ.

**Dermestes frischii**, KUGEL.

Ma'âdi.

March.

**Dermestes vulpinus**, F.

Ma'âdi, Cairo.

August.

**Attagenus cinnamomeus**, ROTH.

Ma'âdi, Giza, Shûbra, Cairo, Qubba.

February to August.

**Attagenus bifasciatus**, OL.

Shûbra, Marg.

February and March.

Var. **chakouri**, PIC.

Shûbra.

February.

**Attagenus scalaris**, PIC.

Ma'âdi, Moqattam Hills, 'Ezbet el  
Nakhl, Zagazig.  
May and June.

**Attagenus posticalis**, FAIRM.

Var. *brunneopunctatus*, PIC.  
Ma'âdi, Moqattam Hills.  
May.

**Attagenus aristidis**, PIC.

Wâdi Rashîd.  
August.

**Attagenus alfierii**, PIC.

Shûbra.  
May.

**Pharadonoma nobile**, REITT.

Eklîsâs.  
April.

**Trogoderma versicolor**, CREUTZER.

Ma'âdi.  
May.

**Anthrenus fasciatus**, HERBST.

Ma'âdi.  
June.

**Anthrenus versbasci**, L.

Cairo.

**Anthrenus minor**, WOLL.

Moqattam Hills.  
May.

**Anthrenus pimpinellæ**, F.

Var. *goliath*, MULS and REY.  
Minia, Marg.  
April.

ELATERIDÆ.

**Agrypnus notodonta**, LATR.

Widely distributed.  
June to October.

**Adelocera lithophila**, CAND.

Mariût.  
March.

**Cardiophorus dilutus**, ER.

Shûbra.  
July.

**Drasterius figuratus**, GERM.

Girga, Ma'âdi.  
April to October.

BUPRESTIDÆ.

**Julodis onopordi**, F.

Var. *syriaca*, CAST and GORY.  
Mariût.  
March.  
Var. *ehrenbergi*, CAST.  
Old Suez Road.  
April.

**Julodis sitifensis**, MARS.

Mariût.  
March.

**Acmæodera squamosa**, THERY.

Moqattam Hills, Ma'sâra.  
April and May.

**Acmæodera polita**, KLUG.

Giza, Matarâa, Marg, Suez.  
June to August.

**Ptosima undecim-maculata**, HERBST.

Giza.  
December to May.

**Steraspis squamosa**, KLUG.

Marg, 'Abbassâa, Ma'âdi.  
July and December.

Var. *tamariscicola*, THOMS.

Fayûm.  
April.

**Psiloptera catenulata**, KLUG.

Giza.  
May.

**Psiloptera mimosæ**, KLUG.

Moqattam Hills, Ma'âdi.  
February to April.

**Sphenoptera trispinosa**, KLUG.

Shûbra, Tûkh.  
December to March.

**Sphenoptera ardens**, KLUG.

Fayûm, Gîza.  
January to May.

**Melanophila picta**, PALL.

Gezira.  
June.

**Chalcogenia theryi**, AB.

Cairo.

**Anthaxia angustipennis**, KLUG.

Ma'âdi, Cairo.

April.

**Anthaxia pulex**, AB.

Cairo.

**Chrysobothris affinis**, F.

Cairo.

**Aphanisticus emarginatus**, OL.

Marg.

February, May, September.

**Trachys** probably n. sp.

Ma'sâra.

August and September.

PTINIDÆ.

**Gibbium psylloides**, CZEMP.

Abn Tig, Ma'sâra, Ma'âdi, Cairo,  
Shûbra.

All the year.

LYCTIDÆ.

**Lyctus brunneus**, STEPH.

Shûbra.

May and July.

ANOPHIIDÆ.

**Xyletinus bucephalus**, ILLIG.

Shûbra, 'Ein el Shams.

March and April.

**Metholcus cylindricus**, GERM.

Cairo.

September.

**Lasioderma serricorne**, F.

Shûbra.

September.

ŒDEMERIDÆ.

**Probosca letourneuxi**, PIC.

Merghâb, Abu Qir.

May.

ANTHICIDÆ.

**Formicomus cæruleipennis**, LAF.

Var. **cyanopterus**, LAF.

Cairo.

**Anthicus fasciatus**, CHEVR.

Giza.

December.

**Anthicus bremei**, LAF.

Heliopolis, Marg.

May to September.

**Anthicus floralis**, L.

Ekhsâs, Shûbra.

September.

**Anthicus instabilis**, SCHMIDT.

Cairo.

**Anthicus crinitus**, LAF.

Shûbra, Marg.

May and September.

**Anthicus armatus**, TRUQ.

Ma'âdi.

May.

MELOIDÆ.

**Meloe rugosus**, MARSH.

Mariût.

March.

**Meloe ægyptiaca**, BRDT.

Moqattam Hills, Mariût.

March to May.

**Zonabris apicipennis**, REICHE.

Common everywhere.

May to August.

**Zonabris sisymbrii**, KLUG.

Heliopolis.

July.

**Zonabris viginti-punctata**, OL.

Mazghûna.

May.

**Zonabris sanguinolenta**, OL.

Common everywhere.

March to July.

**Zonabris elegans**, OL.

Ma'âdi.

April to August.

**Zonabris menthae**, KLUG.

Ma'âdi, Mazghûna, Giza, 'Ein el  
Shams, Berkâsh.

April to August.

<b>Zonabris angulata</b> , KLUG.		<b>Heliotaurus chalybæus</b> , KIRSCH.
Abu Roash.		Mariût.
July.		March.
<b>Zonabris quatuordecim-signata</b> , MARS.		TENEBRIONIDÆ.
Wâdi Hôf, Ma'sâra.		
April to July.		
<b>Coryna argentata</b> , F.		<b>Arthrodeis rotundatus</b> , SOL.
Saqqâra.		Alexandria.
May.		
<b>Coryna lata</b> , REICHE.		<b>Zophosis complanata</b> , SOL.
Mazghûma.		Common everywhere.
May.		March to September.
<b>Lydus syriacus</b> , L.		<b>Zophosis plana</b> , F.
Giza.		Common everywhere.
March.		January to May.
<b>Lydus viridissimus</b> , LUCAS.		<b>Zophosis pygmæa</b> , SOL.
Mariût.		Mazghûma, Mariût.
March.		May and November.
<b>Diaphorocera hemprichi</b> , HEYD.		<b>Zophosis abbreviata</b> , SOL.
Giza.		Common everywhere.
April.		All the year.
<b>Nemognatha chrysomelina</b> , F.		<b>Erodius puncicollis</b> , SOL.
Ma'sâra, Tura, Ma'âdi.		Common everywhere.
April to July.		February to May.
Var. <i>nigripennis</i> , REY.		<b>Adesmia acervata</b> , KLUG.
Baltîm.		El Rico.
<b>Nemognatha quinque-punctata</b> , SFFR.		March.
Mazghûma.		<b>Adesmia cothurnata</b> , FORSK.
May.		Kharga Oasis.
	RHIPIDORIDÆ.	February.
<b>Macrosiagon larvata</b> , REITT.		<b>Adesmia faremonti</b> , LUCAS.
Tura, Ma'âdi.		Mariût.
May.		March.
	MORDELLIDÆ.	<b>Adesmia monilis</b> , KLUG.
<b>Anaspis defarguesi</b> , ABEILLE.		Mariût, Abu Qîr.
Sherbîn.		March to July.
April.		<b>Adesmia montana</b> , KLUG.
	ALLECULIDÆ.	Var. <i>parallela</i> , MILL.
<b>Omophlus tenellus</b> , KIRSCH.		Helwân, Wâdi Hôf.
Wâdi Hôf, Ma'âdi, El Qalag, 'Ein el		December to February.
Shams.		<b>Adesmia bicarinata</b> , KLUG.
March and April.		Ma'sâra, Tura.
		January to April.
		<b>Adesmia longipes</b> , KLUG.
		Wâdi Hôf.
		February to April.

<b>Adesmia dilatata</b> , KLUG.		<b>Sepidium tricuspidatum</b> , F.	
Wâdi Hôf, Ma'sâra, Tura, Ma'âdi, Heliopolis, Marg.	Ma'sâra.		
November to April.			
<b>Tentyria punctatostriata</b> , SOL.		<b>Sepidium reichei</b> , ALL.	
Ma'sâra, Helmia.	Mariût.		
August.	March.		
<b>Tentyrina ægyptiaca</b> , SOL.		<b>Morica grossa</b> , L.	
Wâdi Hôf, Ma'âdi, Giza, Khanka, Old Suez Road, Tel el Kebir.	Mariût.		
February to April.	March.		
<b>Tentyrina orbiculata</b> , F.		<b>Akis reflexa</b> , F.	
'Ein el Shauns.	Mariût.		
March.	Ma'sâra, Ma'âdi, Cairo. Mariût, Siwa Oasis.		
<b>Micipsa grandis</b> , KRAATZ.		All the year.	
Cairo.			
<b>Micipsa schaumi</b> , KRAATZ.		<b>Scaurus barbarus</b> , SOL.	
Tura.			
March.		Kharga Oasis, Helwân, Ma'âdi, Khauka.	
<b>Mesostena angustata</b> , F.			
Common everywhere.		February to October.	
All the year.			
<b>Oxycara pygmæum</b> , REICHE.		<b>Scaurus puncticollis</b> , SOL.	
Tura, Ma'âdi, Moqattam Hills.	Mariût.		
March to September.	March.		
<b>Scelosodis castaneus</b> , ESCH.		<b>Pimelia grandis</b> , KLUG.	
Tura, Giza, Badreshain, Ma'âdi.			
December to May.		Assiût, Ma'âdi.	
<b>Adelostoma sulcatum</b> , DUR.		All the year.	
Cairo.			
<b>Machlopis crenatocostata</b> , REDT.		<b>Pimelia comata</b> , KLUG.	
Mariût.			
March.		Mariût.	
<b>Himatismus variegatus</b> , F.			
Common everywhere.		March and November.	
All the year.			
<b>Stenosis pubescens</b> , SOL.		<b>Pimelia böhmi</b> , REITT.	
Cairo.			
<b>Microtelus lethierryi</b> , REICHE.		Wâdi Hôf.	
Tura.			
January.		February to April.	
<b>Asida gassneri</b> , REITT.			
Mariût.		<b>Pimelia irrorata</b> , KLUG.	
March.			
		Ma'âdi, Khauka.	
		April to June.	
		<b>Pimelia barthelemyi</b> , SOL.	
		Ma'âdi, Heliopolis.	
		Jannary and June.	
		<b>Pimelia angulata</b> , F.	
		Commonou everywhere.	
		All the year.	
		<b>Pimelia nilotica</b> , SÉN.	
		Kharga Oasis.	
		February.	
		<b>Pimelia sericea</b> , OL.	
		Mariût.	
		March and November.	

<b>Pimelia spinulosa</b> , KLUG.		<b>Cædius ægyptiacus</b> , MULS.
Mariût.		Ma'âdi.
March and November.		January and June.
<b>Pimelia aculeata</b> , KLUG.		<b>Anemia fausti</b> , SOLSKY.
Alexandria.		Ma'âdi.
May.		April.
<b>Pimelia subquadrata</b> , STURM.		<b>Anemia asperula</b> , REITT.
Cairo.		Cairo.
<b>Ocnera hispida</b> , FORSK.		<b>Phaleria cadaverina</b> , F.
Kharga Oasis, Wâdi Höf, Ma'âdi		Helmîz.
Gîza.		<b>Platydema rufulum</b> , MOTS.
All the year.		Tanta.
Var. <i>latreillei</i> , SOL.		March.
Tura, Ma'âdi, Gîza, Kharga Oasis,		<b>Cænocorse deserticola</b> , J. SAHLB.
Wâdi Höf.		Cairo.
<b>Thriptera varvasi</b> , SOL.		<b>Tribolium confusum</b> , JACQ.
Wâdi Rashîd.		Abundant everywhere.
August.		All the year.
<b>Prionotheca coronata</b> , OL.		<b>Alphitobius piceus</b> , OL.
Ma'âdi, Gîza, Helmîz, Khanka.		Ma'âdi, Gîza, Mataria.
February to August.		March to October.
<b>Blaps polychresta</b> , FORSK.		<b>Alphitobius diaperinus</b> , MULS.
Common everywhere.		Cairo.
All the year.		<b>Cossyphus insularis</b> , CAST.
<b>Pachypterus niloticus</b> , MILL.		Marg.
Cairo.		<b>Helopinus costatus</b> , SOL.
<b>Opatriinus corvinus</b> , MULS. and REY.		Ma'sâra.
Marg.		<b>Tenebrio molitor</b> , L.
April.		Cairo.
<b>Scleron orientale</b> , F.		June.
Common everywhere.		<b>CERAMBYCIDÆ.</b>
All the year.		
<b>Eurycaulus hirsutus</b> , MILL.		<b>Macrotoma palmata</b> , F.
Wâdi Rashid.		Ma'âdi, Shûbra.
August.		July and August.
<b>Crypticus murinus</b> , ALL.		<b>Polylobarthon ægyptiacum</b> , GUÉR.
Cairo, Sherbîn.		Ma'âdi.
April.		July and August.
<b>Opatropis hispida</b> , BRULLÉ.		<b>Cerambyx scopolii</b> , FÜSSL.
Giza.		Cairo.
December.		<b>Xystrocera globosa</b> , OL.
<b>Opatroides punctulatus</b> , BRULLÉ.		Ma'âdi, Gîza, Cairo.
Common everywhere.		May to November.
All the year		<b>Dichostates subocellatus</b> , FAIRM.
		Helmîz.
		August.

**Hylotrupes bajulus**, L.

Tanta, Sidi Ghâzi, Alexandria.  
May to July.

**Clytanthus varius**, F.

Giza, 'Ezbet el Nakhl, Zagazig.  
May to July.

Var. **damascenus**, CHEVR.

'Ezbet el Nakhl, Sakha.

CHYSOMELIDÆ.

**Titubœa arabica**, OL.

Ma'âdi.  
June.

**Titubœa olivieri**, LAC.

Alexandria, Wâdi Hôf.  
March to July.

**Gynandrophthalma unipunctata**, OL.

Var. **venusta**, LEF.  
Marg.  
February and March.

Var. **ægyptiaca**, LEF.  
Marg.

**Gynandrophthalma viridana**, LAC.

Mariût.  
March.

**Chlamys ægyptiaca**, DESBR.

Cairo.

**Lachnæa cerealis**, OL.

Mariût.  
March.

**Cryptocephalus punctatissimus**, SFFR.

Marg.  
March to September.

**Cryptocephalus bifasciatus**, F.

Cairo.

**Cryptocephalus brunnicollis**, SFFR.

Wâdi Rashid.  
August.

**Stilosomus niloticus**, SFFR.

Marg.  
March and April.

**Malegia letourneuxi**, LEF.

Cairo.

**Chrysomela bicolor**, F.

Bahig.  
August.

**Chrysomela peyerimhoffi**, AUCT. (?).

Wâdi Hôf, Wâdi Hussein.  
April.

**Chrysomela rufomarginata**, WARS.

Abû Qir.

**Rhaphidopalpa foveicollis**, LUCAS.

Abundant everywhere.  
All the year.

**Disrhabda elongata**, BRULLÉ.

Widely distributed.  
All the year.

**Chætocnema bilunulata**, DEM.

Cairo.

**Phyllotreta cruciferæ**, GOEZE.

Shûbra, Embâba, Ma'âdi, Shibîn el  
Qanâter.  
January to July.

**Phyllotreta variipennis**, BOJELD.

Tûra, Ma'sâra.  
August and October.

**Hermacophaga ruficollis**, LUCAS.

Ma'sâra.  
January.

**Cassida subferruginea**, SCHEANK.

Kafîr el Zayât.  
September.

HISPIDÆ.

**Hispa testacea**, L.

Var. **algeriana**, GUÉR.  
'Ein el Shams.  
May 1912.

BRUCHIDÆ.

**Bruchus lentis**, FRÖL.

Giza.  
January to June.

**Bruchus seminarius**, L.

Wâdi Rashid.  
February to July.

Var. **pusillus**, GERM.

Shûbra, 'Ezbet el Nakhl, Embâba.

**Bruchus albosparsus**, FÄHR.

Giza.

December.

CURCULIONIDÆ.

**Otiorrhynchus arachnoides**, STIERL.

Wâdi Hôf.

April.

**Sitones crinitus**, OL.

Cairo.

**Sitones lividipes**, FÄHR.

Common everywhere.

All the year.

**Sitones bituberculatus**, MOTS.

Mariût.

November.

**Asemus niloticus**, GYLL.

Giza.

November.

**Phacephorus nebulosus**, FÄHR.

Tura.

February.

**Conorrhynchus brevirostris**, GYLL.

Kharga Oasis, Tura.

February and October.

**Coniocleonus excoriatus**, GYLL.

Ma'âdi, Mariût.

November to April.

**Porocleonus candidus**, OL.

Mazghûna.

May.

**Pycnodactylus tomentosus**, FÄHR.

Ma'âdi, Heliobia, Heliopolis.

February to May.

**Ammocleonus hieroglyphicus**, OL.

Tura.

January.

**Tetragonothorax senectus**, FÄHR.

'Ezbet el Nakhl.

May.

**Lixus ornatus**, REICHE.

Cairo.

**Lixus ascani**, L.

Marg, Ma'sâra.

August and September.

**Lixus (?) rosencholdi**, BHM.

Cairo.

**Lixus anguisculus**, L.

Zagazig.

June.

**Cylindropterus luxeri**, CHEVR.

Ma'âdi, Khanka, Mariût.

Mareh to May.

**Larinus onopordinis**, F.

Ma'âdi, Edku, Mariût.

Mareh to June.

**Larinus albolineatus**, LAF.

Cairo.

**Larinus vittatus**, F.

Ma'sâra, Ma'âdi, Heliobia.

April and May.

**Alcides willcocksi**, PIC.

Cairo.

March to May.

**Microlarinus humeralis**, TOMS.

Heliopolis.

February.

**Lachnæus clainpanaini**, BEDEL.

Ma'sâra.

May.

**Gronops jekeli**, ALL.

Cairo.

**Rhytidoderes plicatus**, OL.

Var. *siculus*, FÄHR.

Mariût.

November.

**Hypera variabilis**, HERBST.

Abundant everywhere.

January to July.

**Phytonomus hispidulus**, BHM.

Cairo.

**Phytonomus isabellinus**, BHM.

'Ein el Shams.

Mareh.

**Coniatus tamarisci**, F.

Abundant everywhere on tamarisk.

February to April.

**Coniatus lœtus**, MILI.

Marg.

March to May.

**Smicronyx rufipes**, KIESENW.

Var. **rufipennis**, TM.

Marg, Sherbin.

March to May.

**Sharpia gracilenta**, Ros.

Marg.

March.

**Ceutorhynchus parasimilis**, REITT.

Cairo.

**Ceutorhynchus geographicus**,

GOEZE.

Marg.

April.

**Baris granulipennis**, TOURN.

Ma'âdi, 'Ezbet el Nakhl.

March to May.

**Calandra oryzæ**, L.

Abundant everywhere.

All the year.

**Sphenophorus parumpunctatus**,

GYLL.

Ma'âdi.

July.

**Tychius heydeni**, TOURN.

Marg.

February.

**Tychius seriesetosus**, TOURN.

Marg.

May.

**Tychius seriesqamosus**, DESBR.

Marg.

August.

**Tychius flavicornis**, DESBR.

'Ezbet el Nakhl, Embâba.

May and June.

**Tychius suturalis**, DESBR.

Marg.

February to May.

**Sibinia primita**, HERBST.

Tura.

May.

**Sibinia attalica**, GYLL.

Tura, Marg.

May.

**Rhamphus kiesenwetteri**, TOURN.

Giza.

December.

**Nanophyes** sp. nr. **maculatus**, TOURN.

Marg.

March to May.

**Nanophyes quadrivirgatus**, COSTA.

Marg.

March to May.

**Apion aegyptiacum**, DESBR.

Ma'sâra.

August.

**Apion candidum**, WNCK.

Ma'sâra.

**Apion alfierii**, PIC.

Wâdi Gendali, Old Suez Road.

March and April.

#### APHODIIDÆ.

**Rhyssemodes orientalis**, MULS. and

GON.

Kharga Oasis.

February.

**Rhyssemus mayeti**, CLOUET.

Ma'âdi.

April to October.

**Pleurophorus cæsus**, CREUTZER.

Heliopolis.

July.

**Aphodius contractus**, KLUG.

Ma'âdi.

July.

**Aphodius hydrochœris**, F.

Ma'âdi.

November.

**Aphodius lividus**, OL.

Minia, Ma'âdi.

May to October.

**Aphodius granarius**, L.

Alexandria.

**Aphodius nitidulus**, F.

Marg.

May.

**Aphodius punctipennis**, ER.

Kharga Oasis.

February.

**Eremazus unistriatus**, MULS.

Ein el Shams.

March.

COPRIDÆ.

**Scarabæus sacer**, L.

Abundant everywhere.

All the year.

**Scarabæus puncticollis**, LATR.

Mariût, Edfina.

March to June.

**Scarabæus cristatus**, F.

Saqqâra, Mazghûna, Giza, Cairo,

Berkâsh, Shibîn el Qanâter.

April to July.

**Mnemtidium multidentatum**, KLUG.

Khanka.

April.

**Oniticellus pallipes**, F.

Ma'âdi.

June.

**Helicocoris isidis**, LATR.

Widely distributed.

All the year.

**Catharsius pithecius**, F.

Girga, Ma'âdi, Shûbra, Cairo, Zagazig,

Mariût.

All the year.

**Onthophagus gazella**, F.

Ma'âdi.

July.

**Onthophagus nebulosus**, REICHE.

Giza, Mariût.

December and March.

**Onthophagus pseudocervulus**, REITT.

Ma'âdi.

June and July.

**Onthophagus (?) bedeli**, REITT.

Mariût.

March.

**Bubas bubalus**, OL.

Fayûm, Mariût.

March.

**Onitis belial**, F.

Ma'âdi, Shûbra.

June to September.

**Cheironitis furcifer**, ROSSI.

Cairo.

PACHYDEMIDÆ.

**Pachydema immatura**, BURM.

Ezbat el Nakhl.

June.

RUTELIDÆ.

**Anisoplia sabulicola**, ER.

Ma'âdi, Marg, El Qalag, Khanka.

March to May.

GLAPHYRIDÆ.

**Amphicoma vulpes**, F.

Mariût.

March.

HYBOSORIDÆ.

**Hybosorus illigeri**, REICHE.

Ma'âdi.

June and July.

DYNASTIDÆ.

**Phylognathus silenus**, F.

Shûbra.

September.

**Heteronychus parumpunctatus**,

BURM.

Marg.

February.

**Pentadon dispar**, BAUDI.

Common everywhere.

September.

**Pentadon syriacus**, KR.

Shûbra, Marg.

April to October.

**Pentadon variolosopunctatus**, FAIRM.

Shûbra.

September.

**Temnorhynchus baal**, REICHE.  
Mazghūna, Ma'ādi, 'Ein el Shams,  
Dekheila.  
March to July.

CETONIIDÆ.

**Tropinota squalida**, SCOP.  
Abundant everywhere.  
January to March.

**Stalagmosoma albella**, PALL.  
Ma'ādi.  
April and May.

Numerous species unidentified.

**Oxythyrea abigail**, MULS.

Suez.

May.

**Aethiessa inhumata**, GORY.

Mex.

May.

**Cetonia floricola**, AUCT. (?)

Var. *ignicollis*, GORY.

Damietta.

April.

**Pacnodia fasciata**, F.

Widely distributed.

May to November.

STREPSIPTERA.

STYLOPIDÆ.

**Xenos (?) vesparum**, Rossi.

Ma'ādi.

April.

LEPIDOPTERA.

PIERIDÆ.

**Pieris rapæ**, L.  
Common everywhere.  
All the year.  
**Leucochloe daplidice**, L.  
Ma'ādi, Tukh, Mariūt.  
May and June.  
**Leucochloe glauconome**, KLUG.  
Wâdi Hôf, Ma'sâra, Tura, Ma'ādi.  
All the year.

**Euchloe belemia**, ESP.  
'Ezbet el Nakhl.  
January.

**Euchloe belia**, CR.  
Ma'ādi, Damanhûr.  
April and May.

**Colias croceus**, FOURCR.  
Abundant everywhere.  
All the year.

Var. *helice*, HB.  
Widely distributed.

DANAIDÆ.

**Danais chrysippus**, L.  
Abundant everywhere.  
All the year.  
Var. *alcippoides*, Mo.  
Fayûm and Suez.

NYMPHALIDÆ.

**Pyrameis atalanta**, L.

Widely distributed.

November to March.

**Pyrameis cardui**, L.  
Abundant everywhere.  
All the year.

**Euthalia garuda**, Mo.

One specimen bred from larva on  
imported mango tree, Suez.

November 1913.

LYCÆNIDÆ.

**Cigaritis acamas**, KLUG.

Heliopolis.

September.

**Virachola livia**, KLUG.

Common everywhere.

All the year.

**Polyommatus bæticus**, L.

Abundant everywhere.

January to June.

**Tarucus telicanus**, LANG.

Abundant everywhere.

February to July.

**Tarucus theophrastus**, F.

Widely distributed.

February to September.

**Zizera karsandra**, Mo.

Abundant everywhere.

All the year.

**Cupido trochilus**, FREYER.

Fayîm, Tura, Ma'âdi, Gezira.

All the year.

**Lycæna lœwii**, Z.

Var. **gigas**, STGR.

Wâdi Hôf, Ma'âdi, Moqattam Hills,

Old Suez Road.

April.

HESPERIIDÆ.

**Hesperia evanida**, BUTLER.

Ma'âdi, Moqattam Hills, Salhia.

April.

**Gegenes nostradamus**, F.

Nag' Hamâdi, Mazghûna, Ma'âdi,

Cairo.

May to September.

**Parnara mathias**, F.

Common everywhere.

April to November.

**Parnara zelleri**, LED.

Zeitûn, Faraskûr, Alexandria.

May to September.

**Parnara (?) n. sp.**

Mariût.

July.

NOLIDÆ.

**Celama mesomelana**, HMPSON.

Minia.

December.

**Celama squalida**, STGR.

Tura, Ma'âdi, Giza, Mataria, Sakha.

All the year.

ARCTIIDÆ.

**Ocnogyna lœwii**, Z.

Mariût.

Deeember.

**Utetheisa pulchella**, L.

Nag' Hamâdi, Ma'âdi, Alexandria.

All the year.

LYMANTRIIDÆ.

**Orgyia dubia**, TAUSCH.

Var. **judæa**, STGR.

Sidi Ghâzi, Alexandria.

November and December.

**Ocnocia flavipalpata**, STGR.

Ma'âdi, Old Suez Road.

May and Oetober.

LASIOCAMPIDÆ.

**Lasiocampa grandis**, RGHFR.

Gharbia.

**Lasiocampa decolorata**, KLUG.

Old Suez Road.

Oetober and November.

**Nadasia obsoleta**, KLUG.

Ma'âdi, Marg, Zagazig.

April to September.

**Nadasia undata**, KLUG.

Ma'âdi, Nawa, Zagazig.

April to Oetober.

**Taragama acaciæ**, KLUG.

Common everywhere.

June to August.

**Taragama ægyptiaca**, BANG-HAAS.

Sakha, Sidi Ghâzi, Kafr el Dawâr,

Edfîna, Mariût.

April and July.

SPHINGIDÆ.

**Acherontia atropos**, L.

Widely distributed.

April, May, and September-December.

**Sphinx convolvuli**, L.

Ma'âdi.

March to November.

**Daphnis nerii**, L.

Ma'âdi, Cairo, Gezira.

July to November.

**Deilephila lifornica**, ESP.

Kharga Oasis, Maghâgha, Bedreshein,

Ma'âdi, Zagazig.

February to July.

**Chærocampa celerio**, L.

Ma'âdi, Giza.

March to June and November.

**Macroglossa stellatarum**, L.

Common everywhere.

All the year.

COSSIDÆ.

**Cossus henleyi**, ROTHSCH.

Ma'âdi, Giza.

May to August.

**Cossus l-nigrum**, B.-BAKER.

Maghâgha, Cairo.

June.

**Zeuzera pyrina**, L.

Cairo, Gîza, Shûbra, Alexandria.

May to July.

NOCTUIDÆ.

**Euxoa pronuba**, L.

Ma'âdi, Giza, Mit Ghamr.

February to April.

**Euxoa spinifera**, HB.

Abundant everywhere.

All the year.

**Euxoa radius**, HAW.

Widely distributed.

October to February.

**Euxoa pierretii**, BUGNION.

Sollûm.

November.

**Euxoa ripæ**, HB.

Alexandria.

November.

**Euxoa ypsilon**, RÖTT.

Abundant everywhere.

Most of the year.

**Euxoa segetum**, SCHIFF.

Ma'âdi, Cairo.

April to June and October.

**Euxoa trux**, HB.

Ma'âdi, Cairo, Gezira, Alfia.

October to January.

**Polia consanguis**, GUEN.

Ma'âdi.

March, April, and November.

**Scotogramma Sodæ**, RAMB.

Sollûm.

November.

**Scotogramma trifolii**, GUEN.

Ma'âdi.

**Bryophila mæonis**, LED.

Ma'âdi.

February to April.

**Epharmottomena costiplaga**, WARREN.

Ma'âdi.

March and October.

**Epharmottomena plumbizonata**,

HMPSON.

Ma'âdi.

October.

**Hadjina palæstinensis**, STGR.

Minia, Marîf.

July and November.

**Hadjina viscosa**, FRR.

Gezira.

April.

**Perigea capensis**, GUEN.

Lake Qarîm, Ma'âdi.

February, March, and October.

**Cardephia irrigor**, ERSCH.

Var. *deserticola*, BANG-HAAS.

Ma'âdi.

October.

<b>Prodenia litura</b> , F.	Var. (? n. sp.)
Abundant everywhere.	Beni Mazâr.
All the year.	November.
<b>Euplexia lucipara</b> , L.	<b>Chloridea nubigera</b> , H.-S.
Ma'âdi.	Kharga Oasis, Ma'âdi.
<b>Brotolomia meticulosa</b> , L.	January to May.
El 'Arish.	<b>Chloridea obsoleta</b> , F.
February.	Assiût, Ma'âdi.
<b>Sesamia cretica</b> , LED.	All the year.
Abundant everywhere.	<b>Chloridea peltigera</b> , SCHIFF.
May to September.	Ma'âdi.
<b>Leucania zeæ</b> , DUP.	March to July.
Minia, Ma'âdi.	<b>Tarache lucida</b> , HUFFN.
All the year.	Var. <i>albicollis</i> , F.
<b>Leucania putrescens</b> , HB.	Mariût.
Port Said.	July.
October.	Var. <i>insolatrix</i> , HB.
<b>Leucania loreyi</b> , DUP.	Ma'âdi.
Ma'âdi.	June.
<b>Spodoptera abyssinia</b> , EX.	<b>Eublemma teilhardi</b> , JOANNIS.
Ma'âdi, Cairo, Giza, Alexandria.	Nag <sup>c</sup> Hamâdi.
All the year.	September.
<b>Laphygma exigua</b> , HB.	<b>Eublemma suppura</b> , STGR.
Abundant everywhere.	Alexandria, Dekheila.
All the year.	July.
<b>Athetis aspersa</b> , RAMB.	<b>Eublemma scitura</b> , RAMB.
Ma'âdi.	Nag <sup>c</sup> Hamâdi.
March.	September.
<b>Athetis atriluna</b> , GUEN.	<b>Eublemma cochylioides</b> , GUEN.
Minia, Ma'âdi.	Ma'âdi, Montaza.
January to August.	April to December.
<b>Athetis clavipalpis</b> , SCOP.	<b>Eublemma gayneri</b> , ROTHSC.
Ma'âdi.	Nag <sup>c</sup> Hamâdi, Minia, Ma'âdi.
October and November.	April to September.
<b>Athetis melanurina</b> , STGR.	<b>Thalpochares ostrina</b> , HB.
Ma'âdi.	Ma'âdi.
October.	March to May.
<b>Cucullia chamomillæ</b> , SCHIFF.	<b>Thalpochares parva</b> , HB.
Alexandria.	Helwân, Port Said.
January.	October and November.
<b>Copicucullia syrtana</b> , MAB.	<b>Rivula sericealis</b> , Sc.
Ma'âdi.	Ma'âdi, Zefeita Shalaqân.
December to February.	November.

**Plusia chalcytes**, ESP.  
Ma'âdi.  
May and November.

**Plusia circumflexa**, L.  
Maghâgha, Ma'âdi, Giza, Baltim.  
All the year.

**Plusia gamma**, L.  
Abundant everywhere.  
All the year.

**Plusia ni**, HB.  
Kharga Oasis, Ma'âdi, Cairo, Deirût.  
All the year.

**Plusia daubei**, BOISD.  
Ma'âdi.  
November to April.

**Ceracola scapulosa**, HB.  
Var. **sana**, STGR.  
Ma'sâra.  
August.

**Pericyma squalens**, LED.  
Ma'âdi, Sakha.  
March to August.

**Pandesma anysa**, GUEN.  
Ma'âdi, Suez.  
April to July.

**Anumeta spilota**, ERSCH.  
Ma'âdi.

**Leucanitis flexuosa**, MEN.  
Sakha.  
April to June.

**Grammodes algira**, L.  
Ma'âdi, Gezîra.  
May to September.

**Grammodes geometrica**, F.  
Ma'âdi, Kafr el Dawâr, Montaza,  
Ma'mûra, Mariût.  
May to October.

**Pseudophia illunaris**, HB.  
Fayûm.  
January.

**Pseudophia tirhaca**, CR.  
Helwân, Ma'âdi, Cairo, Qubba.  
September to February.

**Apopestes dilucida**, HB.  
Var. **rosea**, STGR.  
Ma'âdi.  
April.

**Tathaoryncus vinctale**, WALK.  
Ma'âdi, Zefeita Shalaqân.  
All the year.

**Rhynchina eremialis**, SWIN.  
Ma'âdi, Cairo, Sakha.  
March to November.  
Three spp. unidentified.

CYMBIDIÆ.

**Earias insulana**, BOISD.  
Abundant everywhere.  
All the year.

GEOMETRIDÆ.

**Eucrostes beryllaria**, MN.  
Ma'âdi, Moqattam Hills.  
March to May and December.

**Nemoria faustinata**, MILL.  
Ma'âdi, Moqattam Hills, Zefeita Shalaqân.  
All the year.

**Craspedia minorata**, H.-S.  
Abundant everywhere.  
All the year.

**Ptychopoda libycata**, BARTEL.  
Ma'âdi.  
March to April.

**Acidalia coenosaria**, LED.  
Maghâgha, Ma'âdi.  
April to November.

**Acidalia fractilineata**, Z.  
Ma'âdi, Sakha.  
April to July.

**Tephronia cremiaria**, FR.  
Ma'âdi.  
March and April.

**Longula extraordinaria**, STGR.  
Ma'âdi, Sakha, Alexandria.  
May to July.

**Sterrhâ sacraria**, L.  
Common everywhere.  
January to July.

**Larentia fluviata**, HB.  
Ma'âdi, Baltim.  
All the year.

**Eupithecia oblongata**, THBG.  
Ma'âdi.  
November.

**Eupithecia pumilata**, HB.  
Ma'âdi.  
April, October, and November.

**Eupithecia ultimaria**, BOISD.  
Ma'âdi.  
October to February.

**Eupithecia unedonata**, MAB.  
Ma'âdi, Cairo.  
March to May.

**Eupithecia**, two spp. unidentified.  
Semiorthisa æstimaria, HB.  
Ma'âdi.  
April to June.

**Fidonia pratana**, FR.  
Var. *obscuraria*, B.-BAKER.  
Mallâha.  
July.

**Eubolia disputaria**, GUEN.  
Widely distributed.  
May to November.

**Orsonobe ægyptiaca**, RBL.  
Ma'âdi, Cairo, Sakha.  
March to July.

**Xenobiston casta**, WARREN.  
Ma'âdi.  
April and October.  
Three spp. unidentified.

PYRALIDÆ.

**Melissoblaptes bipunctanus**, Z.  
Ma'âdi.  
June.

**Achroea grisella**, F.  
Ma'âdi.  
May.

**Corcyra cephalonica**, STR.  
Ma'âdi.  
April to November.

**Galleria mellonella**, L.  
Ma'âdi, Cairo.  
April to October.

**Lamoria anella**, SCHIFF.  
Common everywhere.  
March to May.

**Eromene ocellea**, HAW.  
Abundant everywhere.  
November to May.

**Eromene** sp.  
Ma'âdi.  
March to August.

**Chilo simplex**, BUTLER.  
Beni Mazâr, Giza.  
July.

**Hypogryphia uncinatella**, RAG.  
Ma'âdi, Cairo.  
March to May and October.

**Plodia interpunctella**, HB.  
Ma'âdi.  
April.

**Ephestia calidella**, GUEN.  
Kharga Oasis.  
June to October.

**Ephestia cautella**, WALK.  
Kharga Oasis, Girga, Ma'âdi, Cairo,  
Alexandria.  
June to December.

**Ephestia kuehniella**, Z.  
Cairo and Alexandria.  
July to September.

**Heterographis hellenica**, STGR.  
Ma'âdi, Sakha.  
April to July.

**Heterographis (?) candidatella**, LED.  
Ma'âdi.  
March.

**Heterographis convexella**, LED.  
Qena, Ma'âdi, Baliâna.  
January to May.

**Heterographis (?) fathmella**, OBERTH.  
Ma'âdi.  
March.

<b>Heterographis harmoniella</b> , RAG.	<b>Ercta ornatalis</b> , DUP.
Ma'âdi.	Ma'âdi, Zefeita Shalaqân.
November.	March and October to November.
<b>Heterographis rhodochrella</b> , H.-S.	<b>Glyphodes unionalis</b> , HB.
Ma'âdi.	Ma'âdi, Sakha.
March and April.	March to October.
<b>Heterographis rubripictella</b> , HMPSON.	<b>Hellula undalis</b> , F.
Ma'âdi.	Ma'âdi, Heliopolis, Sakha.
October.	All the year.
<b>Euzophera osseatella</b> , TR.	<b>Nomophila noctuella</b> , SCHIFF.
Giza.	Abundant everywhere.
May.	All the year.
<b>Cryptoblabes gnidiella</b> , MILL.	<b>Pachyzancla licarsicalis</b> , WALK.
Ma'âdi, Giza, Damanhûr, Desûq,	Ma'âdi, Cairo, Giza, Port Said,
Belqâs.	Alexandria.
April and July to December.	September to November.
<b>Endotricha consobrinalis</b> , ZELL.	<b>Antigastra catalaunalis</b> , DUP.
Ma'âdi.	Ma'âdi, Port Said.
March to April and October to November.	October to December.
<b>Aglossa pinguinalis</b> , L.	<b>Cynæda dentalis</b> , SCHIFF.
Assiût, Ma'âdi.	Montaza.
March to November.	July.
<b>Aglossa ocelliferalis</b> , HMPSON.	<b>Pionea ferrugalis</b> , HB.
Beni Suef, Ma'âdi.	Maghâgha, Fayîm, Ma'âdi.
November.	All the year.
<b>Pyralis farinalis</b> , L.	<b>Pyrausta nubilalis</b> , HB.
Ma'âdi, Cairo, Embâba.	Minia, Ma'âdi.
All the year.	October and November.
<b>Nymphula fuscomarginata</b> , B.-BAKER.	<b>Pyrausta sanguinalis</b> , L.
Ma'âdi, Zagâzîg, Sakha.	Ma'âdi.
April to July.	October.
<b>Hulstia undulatella</b> , CLEM.	<b>Cornifrons ulceratalis</b> , LED.
Ma'âdi, Sakha.	Kharga Oasis, Maghâgha, Ma'âdi.
April to October.	All the year.
<b>Oligochroa coriacella</b> , RAG.	<b>Tegostoma mœschleri</b> , CHRISTOPH.
Ma'âdi, Mansûra.	Abundant everywhere.
March to October.	April to August.
<b>Homœosoma nimbellum</b> , Z.	<b>Tegostoma kabylalis</b> , RBL.
Ma'âdi.	Ma'âdi, Giza.
October.	April and May.
<b>Pagyda traducalis</b> , Z.	<b>Noctuelia floralis</b> , HB.
Ma'âdi.	Abundant everywhere.
March and September to November.	March to October.

**Noctuelia desertalis**, H.B.

Ma'âdi.

April.

**Etiella zinckenella**, TREIT.

Ma'âdi

March to October.

**Schœnobioides (?) incertellus**, WALK.

Damanhûr.

September and October.

**Schœnobioides** sp.

Sakha.

July.

Thirty-six spp. unidentified.

PTEROPHORIDÆ.

**Agdistis tamaricis**, Z.

Ma'âdi, Montaza.

March to June.

**Pterophorus (?) monodactylus**, L.

Ma'âdi.

Junc.

**Orneodes magadis**, MEYR.

Ma'âdi.

March and April.

Five spp. unidentified.

TORTRICIDÆ.

**Crocidosema plebejana**, Z.

Giza.

May and June.

**Pamene pharaonana**, KOLL.

Ma'âdi.

March, October and November.

**Carpocapsa pomonella**, L.

Bred on apples imported from Italy.

Six spp. unidentified.

GLYPHIPTERYGIDÆ.

**Simæthis aegyptiaca**, Z.

Gezira, Sakha.

June and July.

TINEIDÆ.

(*sensu lato.*)

**Plutella maculipennis**, CURT.

Ma'âdi, Cairo, Sakha.

January to August.

**Gelechia gossypiella**, SAUND.

Abundant everywhere.

All the year.

**Sitotroga cerealella**, OL.

Ma'âdi, Cairo, Menûf.

April to October.

**Pyroderces gossypiella**, WLSM.

Widely distributed.

October to December.

**Trichophaga swinhœi**, BUTLER.

Ma'âdi, 'Ezbet el Nakhl.

March to October.

**Tinea fuscipunctella**, HAW.

Ma'âdi.

November.

**Phthorimæa operculella**, Z.

Bred from potatoes imported from Malta.

July and August 1915.

Twenty-eight spp. unidentified.

THYSANOPTERA.

THRIPIIDÆ.

**Limothrips cerealium**, HAL.

Betbes.

October.

**Retithrips aegyptiaca**, MARCHAL.

Abundant everywhere.

In Autumn.

Three spp. unidentified.

DIPTERA.

TIPULIDÆ.

**Trimicra pilipes**, F.

Minia, Ma'âdi, Mariût.  
March to May.

One sp. unidentified.

PSYCHODIDÆ.

**Phlebotomus papatasii**, SCOP.

Common everywhere.  
April to October.

**Psychoda** sp.

Abundant everywhere.  
All the year.

CULICIDÆ.

**Anopheles mauritianus**, GRANDPRÉ.

Sherbin, Kafr el Dawâr, Damietta,  
Alexandria.  
August to December.

**Anopheles palestinianus**, THEO.

Baharia and Siwa Oases.  
November.

**Anopheles pharoensis**, THEO.

Widely distributed.  
June to December.

**Anopheles turkhudi**, LISTON.

Kharga and Baharia Oases, Helwân,  
Ma'âdi, Cairo, Khanka, Suez.  
November to February.

**Stegomyia fasciata**, F.

Ma'âdi, Cairo, Suez.  
All the year.

**Uranotænia unguiculata**, EDW.

Giza.  
November and December.

**Ochlerotatus dorsalis**, MEIGEN.

Kharga, Baharia and Siwa Oases,  
Fayûm, Ma'âdi, Gezîra, Damietta.  
All the year.

**Theobaldia spathipalpis**, ROND.

Fayûm, Ma'âdi, Giza, Gezîra, Zifta.  
November to April.

**Culex fatigans**, WIED.

Ma'âdi, Giza, Cairo, Khanka, Kafr  
el Dawâr.

All the year.

**Culex invidiosus**, THEO.

Ma'âdi, Giza, Shîbin el Kôm, Desûq,  
Damietta, Port Said.

All the year.

**Culex pallidocephalus**, THEO.

Abundant everywhere.  
All the year.

**Culex pipiens**, L.

Abundant everywhere.  
All the year.

**Culex quasigelidus** THEO.

Ma'âdi, Giza.  
October and November.

**Culex theileri**, THEO.

Kharga Oasis.  
January.

CHIRONOMIDÆ.

**Leptoconops kertészii**, KIEFF.

El Rio.

March.

Seven spp. unidentified.

MYCETOPHILIDÆ.

One sp. unidentified.

CECIDOMYIDÆ.

Five spp. unidentified.

BIBIONIDÆ.

One sp. unidentified.

STRATIOMYIDÆ.

**Stratiomys anubis**, WIED.

Fayûm, Giza, Marg, Suez, Kafr el Dawâr, Mallâha.

January to August.

**Stratiomys** sp.

Marg.

February and March.

TABANIDÆ.

**Tabanus alexandrinus**, WIED.

Mariût.

March.

**Tabanus cyprianus**, RIC.

Marg.

June.

**Tabanus ditæniatus**, MACQ.

Widely distributed.

March to October.

**Tabanus (?) siccus**, WALK.

Ismaïlia.

July.

**Tabanus sufis**, GUEN.

Ma'âdi, Aghîr el Kubra.

August and September.

**Tabanus tæniola**, P. DE B.

Var. **variatus**, WALK.

Widely distributed.

March to October.

ASILIDÆ.

Twenty spp. unidentified.

THEREVIDÆ.

**Thereva** sp.

Mariût.

May.

**Thereva** sp.

Ma'âdi.

September and October.

EMPIDIDÆ.

**Symbalophthalmus** sp.

Ma'âdi, Alexandria.

March and November.

**Tachydromia** sp.

Saqqâra, Ma'âdi, Giza, Qubba, 'Ezbet el Nakhl, Khanka, Mariût.  
March to July.

NEMESTRINIDÆ.

**Nemestrina ægyptiaca** WIED.

Ma'âdi, Giza.

February to May.

**Nemestrina rufipes**, OL.

Ma'âdi, Giza, Zeitûn.

March to May.

**Nemestrina** sp.

Mariût.

May.

BOMBYLIIDÆ.

**Bombylius flavipes**, WIED.

Abu Tig, Ma'âdi, Giza, Marg, Mariût.  
March to May.

**Bombylius pictipennis**, Lw.

Mariût.

March.

**Sisyrophanus** sp.

Mariût.

March.

**Anastoechus** sp.

Saqqâra, Giza, Mariût.

May.

**Anastoechus** sp.

Mariût.

May.

**Dischistus**, three spp. unidentified.

**Geron**, three spp. unidentified.

**Toxophora** sp.

Ma'sâra.

April.

**Lepidophora** sp.

'Ezbet el Nakhl.

May.

**Exoprosopa bagdadensis**, MACQ.

Mazghûna, Ma'âdi, Heliopolis, 'Ein el Shams, 'Ezbet el Nakhl.  
April and May.

**Exoprosopa ferruginea**, KLUG.

Ma'âdi.

June to August.

**Exoprosopa noctilio**, KLUG.

Mazghûna, Saqqâra, Gîza, Gezîra,

Embâba, 'Ezbet el Nakhl.

May to July.

**Exoprosopa senilis**, KLUG.

Lahûn, Qubba, 'Ezbet el Nakhl, Ber-

kâsh, Abu Qîr, Ma'mûra, Mariût.

April to June.

**Exoprosopa** sp.

Alexandria, Mariût.

May to July.

**Argyramœba leucogaster**, MACQ.

Nag' Hamadi, Ma'âdi, 'Ezbet el Nakhl.

March to November.

**Argyramœba ocyale**, KLUG.

Kharga Oasis, Nag' Hamâdi, Ma'âdi,

Heliopolis, Alfâa, Zagazig, Mariût.

June to October.

**Argyramœba**, three spp. unidentified.

**Thyridianthrax griseola**, KLUG.

Lahûn, Mazghûna, Gîza, Moqattam

Hills, Marg, Abu Qîr.

May to September.

**Thyridianthrax incana**, KLUG.

Abn Qîr, Montaza, Alexandria,

Mariût.

May to July.

**Thyridianthrax stigmula**, KLUG.

Lahûn.

April and May.

**Thyridianthrax**, three spp. unidentified.

**Anthrax circe**, KLUG.

Widely distributed.

March to October.

**Molybdamœba**, five spp. unidentified.

**Petrorossia**, four spp. unidentified.

Gen. sp. unidentified.

SYRPHIDÆ.

**Eristalis aeneus**, SCOP.

Ma'âdi, Gîza, Nawa, Edfina, Kafr el

Dawâr.

All the year.

**Eristalis quinquefasciatus**, F.

Ma'âdi, Marg, Suez, Kafr el Dawâr.

March to August.

**Eristalis tæniops**, WIED.

Common everywhere.

All the year.

**Eristalis tenax**, L.

Common everywhere.

March to July.

**Eristalis** sp.

Ma'âdi, Gîza, Qubba, Marg, Suez,  
Alexandria, Mariût.

All the year.

**Syritta spinigera**, Lw.

Common everywhere.

All the year.

**Syrphus corollæ**, F.

Abundant everywhere.

All the year.

**Syrphus**, three spp. unidentified.

**Tropidia**, three spp. unidentified.

**Xanthogramma** probably n. sp.

Common everywhere.

February to July.

**Xanthogramma** sp.

Shûbra.

May.

DOLICHOPODIDÆ.

**Dolichopus** sp.

Mex.

May.

PHORIDÆ.

**Aphiochæta picta**, LEHM.

Beni Suef, Zagazig, Belqâs.

December to March.

**Aphiochæta** sp.

Cairo.

July and December.

PIPUNCULIDÆ.

**Pipunculus**, two spp. unidentified.

CONOPIDÆ.

**Conops** sp.

Ma'âdi, Edfina, Ma'mûra.

April to June.

**Ocimumyia** sp.

Embâba, 'Ezbet el Nakhl.

March to June.

**Physocephala vittata**, F.

Sennûres, Mazghûna, Ma'âdi, Heliopolis, Zagazig, Kafr el Dawâr, Montaza.

January to September.

**Physocephala** sp.

Khanka.

May to September.

TRYPETIDÆ.

**Ceratitis capitata**, WIED.

Common everywhere.

June to December.

**Chætodacus zonatus**, SAUND.

Bred from mangoes imported from India.

May 1914.

**Trypanea terminata**, MG.

Helwân Ma'âdi, Moqattam Hills, Old Suez Road, Heliopolis, 'Ezbet el Nakhl, Abu Qir.

February to May.

Seven spp. unidentified.

AGROMYZIDÆ.

Sixteen spp. unidentified.

DROSOPHILIDÆ.

**Drosophila melanogaster**, MG.

Abundant everywhere.

All the year.

Three spp. unidentified.

SAPROMYZIDÆ.

**Lonchæa aristalis**, BECKER.

Giza.

April.

One sp. unidentified.

EPHYDRIDÆ.

**Ephydria macellaria**, EGGER.

Tanta, Damanhûr, Deirût.

May and June.

Seven spp. unidentified.

OSCINIDÆ.

**Oscinella frit**, L.

Sollûn.

November.

Five spp. unidentified.

BORBORIDÆ.

One sp. unidentified.

SEPSIDÆ.

Three spp. unidentified.

ANTHOMYIDÆ.

Ten spp. unidentified.

MUSCIDÆ.

**Stomoxys calcitrans**, L.

Ma'âdi, Nawa, Barrage.

July to November.

**Muscina stabulans**, FLN.

Abundant everywhere.

All the year.

**Stomatorrhina lunata**, F.

Tamia, Giza.

May.

Twenty spp. unidentified.

TACHINIDÆ.

**Gonia cilipeda**, ROND.

Minia, Ma'âdi, Cairo, Zagazig, Alexandria.

April to July.

**Gymnopareia ægyptia**, VILLEN.

Tûra, Ma'âdi, Mit Okbi, Sidi Ghâzi.

July to December.

**Argyrophylax atropivora**, R.D.

Ma'âdi, Old Suez Road.

April and May.

**Mintho isis**, WIED.

Assiût, Abn Tig, Fayûm, Ma'âdi,  
Shûbra, Snez.

All the year.

Twenty spp. unidentified.

DEXIIDÆ.

One sp. unidentified.

SARCOPHAGIDÆ.

**Sarcophaga falculata**, PAND.

Common everywhere.  
All the year.

**Sarcophaga hirtipes**, WIED.

Suez.  
July.

Twelve spp. unidentified.

ŒSTRIDÆ.

**Gastrophilus equi**, F.

Ma'âdi.  
April.

**Gephalmomyia maculata**, WIED.

Cairo.  
April.

ŒSTRUS OVIS, L.

Fayûm, Saqqâra, Ma'âdi, Cairo.  
April to June.

**Hypoderma bovis**, DE GEER.

Cairo.  
Larvæ in February and March.

HIPPOBOSCIDÆ.

**Hippobosca camelina**, LEACH.

Common everywhere.  
April to November.

**Hippobosca capensis**, OLF.

Widely distributed.  
All the year.

**Hippobosca equina**, L.

Abundant everywhere.  
May to August.

**Lynchia maura**, BIGOT.

Fayûm, Ma'âdi, Marg.  
March to May.

STREBLIDÆ.

**Nycteribosca kollaris**, FRFLD.

Ma'âdi.  
February and October.

ANOPLURA.

PEDICULIDÆ.

**Pediculus capitis**, DE GEER.

Ma'âdi.

HÆMATOPINIDÆ.

**Hæmatopinus tuberculatus**, NITSCH.

Cairo.

**Hæmatopinus asini**, L.

Cairo.

**Linognathus piliferus**, BURM.

Ma'âdi.

RHYNCHOTA.

PENTATOMIDÆ.

**Odontotarsus caudatus**, KLUG.

Marg, Hamûl.  
Jny.

**Psacasta exanthemica**, SCOP.

Saqqâra, 'Ezbet el Nakhl.  
April and May.

**Trigonosoma fischeri**, H.-S.

Wâdi Rashîd, Ma'sâra.  
March and Angust.

**Æthus hispidulus**, KLUG.

Ma'âdi, Heliopolis, Old Snez Road.  
April to May.

**Æthus pilosulus**, KLUG.

Tura, Ma'âdi.

March to July.

**Geotomus elongatus**, H.-S.

Gîza, Ma'âdi.

June and July.

**Macroscytus brunneus**, F.

Ma'âdi.

June.

**Sehirus dubius**, SCOP.

Var. **melanopterus**, H.-S.

Widely distributed.

All the year.

**Brachypelta aterrima**, FÖRST.

Alexandria.

June to September.

**Ælia punctiventris**, HORV.

Marg.

Jnly.

**Sciocoris umbrinus**, WOLFF.

Moqattam Hills.

May.

**Eusarcocoris inconspicuus**, H.-S.

Tura, Ma'âdi, Marg.

February to August.

**Carpocoris fuscispinus**, BOH.

Widely distributed.

April to September.

**Carpocoris pudicus**, PODA.

Widely distributed.

April to July.

**Codophila varia**, F.

Ma'âdi, Embâba.

May to July.

**Brachynema biplaga**, WALK.

Ma'âdi.

June.

**Brachynema cinctum**, F.

Var. **tarsatum**, KLUG.

Hamûl, Alexandria.

July and September.

**Nezara millieri**, M.R.

Bielâ, Hamûl, Sollûm.

July to November.

**Nezara viridula**, L.

Abundant everywhere.

January to August.

**Pausias leprieuri**, SIGN.

Fayûm, El Qalag.

January and August.

**Eurydema ornata**, L.

Fayûm, Ma'âdi, Benha, Mahalla el

Kûbra, Kafr el Dawâr.

January to June.

**Eurydema festiva**, L.

Ma'âdi.

June.

**Aspongopus viduatus**, F.

Var. **niger**, FIEB.

Kharga Oasis, 'Ein Mûsa.

November and Janmary.

**Schizops ægyptiaca**, LEEF.

Widely distributed.

All the year.

One sp. unidentified.

COREIDÆ.

**Phyllomorpha algirica**, GUÉR.

El Qalag, Abn Qir.

March and May.

**Haploprocta sulcicornis**, F.

Widely distributed.

March to August.

**Ceraleptus ægyptius**, WESTW.

Maghâgha.

June.

**Liorhyssus hyalinus**, F.

Widely distributed.

April to June.

Seven spp. unidentified.

PYRRHOCORIDÆ.

**Pyrrhocoris apterus**, L.

Abu Qir, Sollûm.

May to November.

**Scantius ægyptius**, L.

Mariût, Sollûm.

July to November.

LYGÆIDÆ.		<b>Marmottania simoni</b> , PUTON.
<b>Arocatus</b> sp.		Wâdi Höf.
Bielâ.		April.
July.		
<b>Lygæus militaris</b> , F.		<b>Plinthisus minutissimus</b> , FIEB.
Widely distributed.		Helwân, Ma'âdi, Marg.
All the year.		February to August.
<b>Lygæus longulus</b> , DALL.		Fifteen spp. unidentified.
Heliopolis.		
February.		TINGITIDÆ.
<b>Tropidothorax familiaris</b> , F.		<b>Tingis rotundipennis</b> , HORV.
Suez.		Ma'sâra, Ma'âdi, 'Ezbat el Nakhl.
May.		May.
<b>Graptostethus servus</b> , F.		HYDROMETRIDÆ.
Widely distributed.		<b>Hydrometra stagnorum</b> , L.
All the year.		Ma'âdi.
<b>Nysius cymoides</b> , SPIN.		September.
Mazghûna, Giza, Ma'âdi, Moqattam		
Hills, Khanka.		<b>Limnogonus ægyptiacus</b> , PUTON.
May to July.		Sheikhl Fadl, Ma'âdi.
<b>Nysius ericæ</b> , SCHILL.		June to November.
Widely distributed.		
April to September.		REDUVIIDÆ.
<b>Geocoris acuticeps</b> , SIGN.		<b>Ploiariola</b> sp.
Giza.		Assiût.
June.		August.
<b>Geocoris nigriceps</b> , REICHE.		<b>Ploearia grassator</b> , PUTON.
Ma'sâra, Heliopolis.		Kharga Oasis, Siwa Oasis, Assiût.
March to May.		February, August, and November.
Var. <i>henoni</i> , PUTON.		<b>Oncocephalus annulipes</b> , STÅL.
Ma'sâra, Tura, Heliopolis.		Ma'âdi, Cairo.
April and November.		May to October.
<b>Geocoris</b> sp.		<b>Oncocephalus</b> , three spp. unidentified.
Heliopolis.		<b>Reduvius pallipes</b> , KLUG.
March.		Widely distributed.
<b>Mallocoris discifer</b> , STÅL.		April to August.
Giza.		<b>Reduvius nebulosus</b> , KLUG.
<b>Oxycarenus hyalinipennis</b> , COSTA.		Var. <i>dubius</i> , REUT.
Abundant everywhere.		Ma'âdi.
All the year.		July and August.
<b>Pamera calcarata</b> , PUTON.		<b>Holotrichius innesi</b> , HORV.
Tura.		Maghâlia, Ma'âdi.
August to December.		May to September.
		<b>Holotrichius</b> sp.
		Mariût.
		February and November.

**Ectomocoris luridus**, KLUG.

Ma'âdi.

July.

**Ectomocoris ululans**, ROSSI.

Ma'âdi, Damanhûr.

May to October.

**Pirates chiragra**, F.

Beni Suef.

November.

**Pirates strepitans**, RAMB.

Beni Suef, Ma'âdi, Cairo, Alexandria.

July to November.

**Centroscelicoris (?) pallidispinus**, REUT.

March.

Mazghûna, Ma'sâra, Ma'âdi, Heliopolis.

March to August.

**Raphidosoma bergevius**, POPP.

Mariût.

March.

**Coranus ægyptius**, F.

'Ezbet el Nakhl, Khanka, Hamûl, Abu

Qîr.

March to September.

**Coranus** sp.

Marg.

August.

**Pachynomus picipes**, KLUG.

Gîza.

February.

Five spp. unidentified.

SALDIDÆ.

**Salda** sp.

Ma'âdi.

April.

ANTHOCORIDÆ.

**Triphleps** sp.

Widely distributed.

February to June.

CIMICIDÆ.

**Cimex lectularius**, L.

Widely distributed.

All the year.

CAPSIDÆ.

**Trigonotylus ruficornis**, GEOFF.

Girga, Ma'âdi.

April and November.

**Eurystylus bellevoyei**, REUT.

Helwân, Ma'âdi, Qaliûb.

May to November.

**Lygus pratensis**, L.

Ma'âdi, Sherbîn, Mallaha.

March to July.

**Lygus contaminatus**, FALL.

Sheikh Fadl, Ma'âdi.

March to October.

**Camptobrochis punctulatus**, FALL.

var. **serenus**, DGL. Sc.

'Ezbet el Nakhl, Qaliûb, Barrage,

Damietta.

May to August.

**Creontiades pallidus**, RB.

Widely distributed.

April to December.

**Lopus albomarginatus**, KLUG.

Mariût.

March.

**Agraphopus femoralis**, HORV.

Ma'âdi.

July.

Ten spp. unidentified.

BELOSTOMATIDÆ.

**Belostoma niloticum**, STÅL.

Cairo.

May to August.

**Sphaerodema urinator**, DUF.

Cairo.

NOTONECTIDÆ.

**Anisops producta**, FIEB.

Kharga Oasis, Ma'âdi.

January to August.

**Notonecta glauca**, L.

Bahârâ Oasis.

November.

<b>Notonecta</b> sp.	<b>Oliarus pallens</b> , GERM.
Kharga Oasis.	Widely distributed.
January and September.	June to November.
	<b>Phantia indicatrix</b> , WALK.
	Ma'sâra, Ma'âdi.
	March, April, and December.
<b>Corixa hieroglyphica</b> , DUF.	Eight spp. unidentified.
Helwân, Ma'âdi.	
October and November.	
	<b>ALEURODIDÆ.</b>
<b>Corixa</b> , three spp. unidentified.	<b>Aleurodes(?) citri</b> , RILEY and HOWARD.
	Widely distributed.
<b>Micronecta plicata</b> , COSTA.	<b>Aleurodes</b> sp.
Helwân.	Ma'âdi.
October.	
	<b>PSYLLIDÆ.</b>
	<b>Melampsalta musiva</b> , GERM.
Menûf.	One sp. unidentified.
May.	Old Suez Road.
<b>Psalmocharias flavigollis</b> , HORV.	April.
Ma'âdi.	
June, 1913.	
	<b>APHIDIDÆ.</b>
<b>Zouga longiceps</b> , PUTON.	<b>Aphis gossypii</b> , GLOV.
Mariût.	Abimdant everywhere.
May and June.	All the summer.
	<b>Dryaphis persicæ</b> , CHOL.
<b>Zouga planiceps</b> , HORV.	Giza, Shilîm el Qanâter.
Heliopolis.	May to July.
April to July.	
	<b>Schizoneura lanigera</b> , HAUSM.
	Fashn.
	April.
	Numerous species unidentified.
	<b>COCCIDÆ.</b>
<b>Agallia venosa</b> , FALL.	<b>Aspidiotus aonidum</b> , L.
Ma'âdi.	Abundant everywhere as far south as
June and July.	Giza.
Twenty-one spp. unidentified.	
	<b>Aspidiotus aurantii</b> , MASKELL.
	Abundant everywhere.
	<b>Aspidiotus hederæ</b> , VAL.
	On lemons imported from Italy,
	Cyprus, and Syria.
	<b>Parlatoria proteus</b> , CURTIS.
	Widely distributed.
	<b>Parlatoria zizyphi</b> , LUCA <sup>s</sup> .
	On oranges and mandarines imported
	from Crete and Cypns.

**Mytilaspis beckii**, NEWMAN.

Alexandria, Abu Qir. Also on imported oranges and lemons from Italy, Cyprus, and Syria.

**Mytilaspis pomorum**, BOUCHÉ.

Widely distributed.

**Leucaspis riccæ**, TARGIONI-TOZETTI.

Fayūm.

**Ceroptastes rusci**, L.

Widely distributed in Beheira, also at Mataria and Betbes.

**Ceroptastes** sp.

Fayūm, Mataria, Khanka.

**Pulvinaria** sp.

Abu Roash, Old Suez Road.

**Lecanium hesperidum**, L.

Giza.

**Lecanium** sp.

Port Said.

**Lecanium** sp.

Giza.

**Asterolecanium pustulans**, COCKERELL.

Abundant everywhere.

**Dactylopius perniciosus**, NEWSTEAD and WILLCOCKS.

Cairo.

**Dactylopius** sp.

Abundant everywhere on sugar cane.

**Icerya ægyptiacum**, DOUGLAS.

Abundant everywhere.

**Icerya purchasi**, MASKELL.

Abundant everywhere.

**Icerya seychellarum**, WEST.

On bananas imported from Madagascar.

**Orthezia insignis**, DOUGLAS.

Alexandria.

Numerous species unidentified.

## PUBLICATIONS OF THE MINISTRY OF AGRICULTURE.

---

“Agricultural Journal of Egypt.” (English and Arabic.)

Vol. I, Part I.	Vol. III, Part I.
” ” II.	” ” II.
” II, ” I.	” IV, ” I.
” ” II.	” ” II.
	” V, Parts I and II.

---

### EGYPTIAN AGRICULTURAL PRODUCTS.

By Gerald C. Dudgeon, F.E.S., etc., Consulting Agriculturist.

No. 1 A. “The Great Millet” (*Durra Baladi* or *Durra Rafta*) in Egypt. (English.)  
No. 2 A. “The Ground Nut or Earth Pea (*Ful Sudani*) in Egypt.” (English.)

---

### TECHNICAL AND SCIENTIFIC BULLETINS.

No. 1. “Report on the First Two Years’ Working of the Plant Protection Law.” (Law No. 5 of 1913), by G. Storey, B.A., F.E.S. (English and French.)  
No. 2. “The Nature of the Damage done by the Pink Boll Worm (*Gelechia Gossypiella* Saund.),” by Lewis Gough, Ph.D., F.E.S., etc. (English and French.)  
No. 3 “Note on the Alkaloids of some Egyptian Solanaceæ,” by Frank Hughes, F.C.S., Chemist. (English and French.)  
No. 4. “The Life History of *Gelechia Gossypiella* from the Time of the Cotton Harvest to the Time of Cotton Sowing,” by Lewis Gough, Ph.D., F.E.S., etc. (English.)  
No. 5. “List of Egyptian Insects in the Collection of the Ministry of Agriculture,” by G. Storey, B.A., F.E.S. (English.)  
No. 6. “Note on a Machine to kill *Gelechia* Larvæ by Hot Air, and the Effects of Heat on *Gelechia* Larvæ and Cotton Seed,” by Lewis Gough, Ph.D., F.E.S., etc. (English.)  
No. 7. “Work in Connection with Egyptian Wheat,” by G. C. Dudgeon, F.E.S. and B. G. C. Bolland, B.A., Botanist. (English.)  
No. 8. “Work conducted at the Experimental Farm at Giza in Connection with Great Millet and *Bersim*,” by B. G. C. Bolland, B.A., Botanist. (English.)  
No. 9. “Work in Connection with Egyptian Maize,” by Gerald C. Dudgeon, F.E.S., Consulting Agriculturist, etc., and B. G. C. Bolland, B.A., Botanist. (English.)  
No. 10. “Some Tests of Flour made from Egyptian Wheat,” by Frank Hughes F.C.S., Membre de l’Institut Egyptien, Chemist. (English.)

---

LEAFLETS OF THE HORTICULTURAL SECTION. (English and Arabic.)  
By T. W. Brown, Director, Horticultural Section.

(No. number) "Citrus Trees."  
No. 1. "French beans (*Fasoolia*)."  
" 2. "Asparagus (*Kishk Almaz*)."  
" 3. "Preservation of Dates."  
" 4. "Egyptian Arumi (*Qolqas*)."  
" 5. "Cultivation of Potatoes."  
" 6. "Preservation of Apricots."  
" 7. "Custard Apple."

---

COLLECTIONS OF AGRICULTURAL CIRCULARS.

From No. 1-18. (English and Arabic.)  
" " 19-35. " "  
" " 36-60. " "

---

LAWS AND REGULATIONS.

"Regulations of the Boll Worm and Seed Worm Campaign, 1915." (English and Arabic.)  
"Regulations of Cotton Worm Campaign, 1915." (English and Arabic.)  
"Regulations of Cotton Worm Campaign, 1916." (English and Arabic.)  
"Collection of the Agricultural Laws." (French and (Arabie.)  
"Collection of Veterinary Laws." (French and Arabic.)  
"Syllabus of the School of Veterinary Medicine." (Arabic and French.)  
"Syllabus of the Intermediate School of Agriculture, Moshtohor." (English and Arabic.)

---

ADMINISTRATIVE REPORTS.

"Annual Report of the Veterinary Service, 1913." (English and Arabic.)  
"Annual Report of the Veterinary Service, 1914." (English and Arabic.)  
"Report on the Great Invasion of Locusts in Egypt in 1915." (English and Arabic.)

---

EGYPTIAN AGRICULTURAL AND VETERINARY NOTES.

"Wheat Rust." (English and Arabic.)  
"Wheat Smut." (English and Arabic.)  
"Pamphlet on Ticks and their Relation with Agricultural Animal Diseases."  
(Arabic.)  
"Pamphlet on Scale Insects." (Arabic.)

---

BOOKS.

"Agricultural Text Book," Part I. (English and Arabic.)  
"Agricultural Text Book," Part II. (English and Arabic.)  
"Percival's Botany." (Translation.) (Arabic.)  
"Inorganic Chemistry." (Translation.) (Arabic.)  
"Agricultural Chemistry," by Ingle. (Translation.) (Arabic.)  
"Veterinary Medicinc for Intermediate Schools of Agriculture." (Arabic.)

---



---

Govt. Press 6121-1915-1050 ex.

---



7 DAY USE  
RETURN TO DESK FROM WHICH BORROWED

**AGRICULTURE LIBRARY**  
40 Giannini Hall - Tel. No. 642-4493  
**This publication is due on the LAST DATE**  
**and HOUR stamped below.**

JUN - 5 1971

NOV 14 1985

received in  
Natural Resources Library

NOV 20 1985

**PHOTOCOPY JUL 6 '88**

*NOV 28 1989*

*DEC 27 1989*

RB 17-50m-3, '70  
(N5381s10)4188-A-32

General Library  
University of California  
Berkeley

YE 18904



